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1922

# WALTER E. COOK
INCORPORATED
## SEEDS & BULBS

HOME OF PULSE-O

NATIONAL FLOWER SHOW EDITION

# COOK'S FIFTH ANNUAL CATALOGUE

—— SOUVENIR OF THE ——

# Fifth National Flower Show

TO BE HELD IN THE

## Fifth City (Cleveland) March 15th to April 1st, 1922

We take great pleasure in presenting you our Fifth Annual Spring Catalogue of Garden and Flower Seeds, Bulbs and all Garden requisites and earnestly solicit your careful consideration of the many novelties, also the extensive list of general garden supplies contained therein, that we may be favored with your business which we assure you will have our prompt and best attention, Quality and Service our Motto.

Cleveland is fortunate in being selected for the Fifth National Flower Show to be held from March 15th to April 1st and we take this opportunity to invite our customers to visit this extensive exhibit of Horticulture. We will maintain a booth in the trade section where representatives will be at your service to give you information regarding the various exhibits also we will have a competative exhibit in the large Garden Class located in the main Hall.

## DIRECTIONS

Your attention is respectfully called to the following directions, which will aid us materially in making shipments.

**Early Orders** are very acceptable, for it gives us a chance to fill them before the rush season of April and May when delay is sometimes unavoidable.

**Packing** — No charges are made for packing or cases, except on seamless bags used in shipping fine clover and timothy seeds.

**Errors** — While every effort is made to avoid mistakes, still these things sometimes happen, and by notifying us promptly we will correct errors to your satisfaction.

**A Word About Deliveries** — We deliver, free of postage or express charge, all vegetable and flower seed in packets, ounces, and pounds except where otherwise noted. Farm seeds, Implements, Fertilizer and other sundries are shipped f. o. b. Cleveland, by express or freight, at purchaser's expense and option, provided cash accompanies the order.

**Local Delivery** — We deliver, free of charge, all heavy goods within the city limits. For Heights, Euclid, S. Euclid, Wickcliffe, Willoughby, Mentor, Lakewood and Rocky River a nominal charge will be made.

**Remittances** should be made by Postoffice Money Order, Drafts on banks, Express Money Order, all made payable to the firm, or by stamps. Charge accounts opened to all of approved credit.

**Name and Address** — Write name and address very plainly, giving street number or P. O. box, City, County, State, and nearest express office.

**Non-Warranty** — While we feel assured of the quality, we realize many failures in crops are due to unfavorable soil or climatic conditions, therefore, We, Walter E. Cook, Inc., give no warranty, express or implied, as to the description, quality, or productiveness of any of the seed, bulbs, or plants we send out, and will not be responsible for the crop, and all orders given from our catalogue are executed under these conditions only. All claims must be made within five days after receipt of goods.


## WALTER E. COOK, Inc.

**Phone, Eddy 5100** **CLEVELAND, O.**



**To Owners of Private Estates and Country Homes**

**We have at all times a list of competent men, superintendents and gardeners, who are either seeking changes to better positions, or out of employment, looking for position to take charge. Consult us when looking for such a man. No charge is made for this service.**

# Flower Novelties

## Asters

| | Pkt. |
|---|---|
| **Heart of France.**—Branching habit. Crimson | $ .25 |
| **Crimson Giant.**—Upright Growth. Large double flowers bright crimson very showy. | .25 |
| **Lavender Gem.**—Flowers comet type, silvery white, changing to light lavender when developed | .25 |
| **American Beauty.**—White, Shell Pink, Purple and Rose | .25 |

### Single Asters

| | |
|---|---|
| **Marshall Joffre.**—New scarlet | .25 |
| **White** | .25 |
| **Dark Blue** | .25 |
| **Lavender** | .25 |

### Didiscus Coeruleus

(Blue lace flower)

Splendid cut flower, plants about 18" high, light blue, in clusters, resembles lace..... .25

### Petunia "Truce"

Entirely new, Pure White Petunia, flowers somewhat larger than the well known Rosy Morn. Excellent for cutting and bunching. Especially as a contrast with Rosy Morn. Pkt. 25 cts.

### Schizanthus, "Melody"

An exquisite self-shade of rose pink, without markings or shading. A unique color, delightfully effective for grouping and equally effective for table decoration. Pkt. 50 cts.

### Zinnia, Picotee

Very attractive novelty. Flowers are marked with a large range of colors including many shades of Crimson, Scarlet, White, Pink and Gold. Fringed petals.

Per Pkt. 25 cts., oz. $3.50

### Zinnia, New Dahlia Flowered

Entirely new and distinct race of Zinnias. Produce many flowers often measuring four inches in depth and six inches in diameter. Closely resembles the Show Dahlia, ranging in color from the most pleasing shades of yellow and orange to vivid shades of red and endless shades of rose and pink. Offered in mixed colors only.

Per Pkt. 50 cts., oz. $5.00

# New Sweet Peas for 1922

| | Pkt. | Oz. |
|---|---|---|
| **Hawlmark Pink.**—Rose pink, shaded salmon | $ .25 | $1.50 |
| **Hope.**—Soft rose | .25 | 1.50 |
| **Jack Cornwell. V. C.** | .25 | 1.50 |
| **LaFrance (New).**—Very large. Rich cream pink | .25 | 1.50 |
| **Liberty (New)** | .25 | 1.50 |
| **Mrs. C. P. Tomlin.**—Scarlet | .25 | 1.50 |
| **Royal Salute.**—New | .25 | 1.50 |
| **Sparkler.**—Bright rose, primrose wings | .25 | 1.50 |
| **Tangerine.**—Orange | .25 | 1.50 |
| **Valentine.**—Shell pink | .25 | 1.50 |

For general list of Sweet Peas see pages 38 and 39.

# Vegetable Novelties

## "Snowdown Beet"

A strain of Globe-shaped Beet, exceptional for its color and flavor. It has a dark red flesh, very sugary and tender, regardless of how long it is kept. Even sweeter when taken from the winter storage. A variety well worth having in any garden. Pkt. 15 cts., oz. 50 cts. ¼ lb. $1.75, lb. $5.50.

## Beans. Cook's "Sensation." (New)

Absolutely the largest cropper on the market. Long tender pods, perfectly stringless, flavor excellent and will remain in good condition long after other beans have become tough and dry. Equally good for forcing and outdoor culture. Per packet, 25 cts., pound $1.00.

## "Cleveland Lettuce"

This variety of Lettuce has long been sought both for forcing and outdoor growing. Its strong leaf ribs forming towards center, keep it well blanched. The color is light green and the solid heads make it very crisp, will stand 88 days before running to seed. Pkt. 15 cts., ½ oz. 30 cts., oz. 50 cts., ¼ lb. $1.50.

## "Titanic" Onion

An onion similar in size and shape to Gigantic Gibraltar. Its light Yellowish color with pure White flesh and decidedly mild flavors besides its mammoth size, make this an excellent variety for table use as well as for exhibition purposes. Pkt. 20 cts., ½ oz. 40 cts., oz. 75 cts., ¼ lb. $2.25.

# Gladiolus Primulinus Hybrids

## New and Rare Varieties

A species of Gladioli with rare colorings more intensified because the flowers are small, carried on slender stem and very upright. Their beauty is in the arrangement as a cut flower or among the border plant where their pronounced colors are especially noticeable, contrasting with the other flowering plants and shrubs. While there are numerous varieties we have tried to select the better types with distinctive colorings.

**Lord Nelson** — Tall heavy spike with seven or eight florets open at a time. Clear Buff Orange shading pink at throat, early. 60 cts. each, $6.00 doz., $45.00 per 100.

**Madam Wentholt** —One of the late varieties Sulphur Yellow color, tall spiked, well shaped florets. 75 cts. each, $7.50 doz., $60.00 per 100.

**Maidens Blush** — Earliest of all varieties, Dainty Enchantress pink color, borne on slender spikes, an exceptional type. 75 cts. each, $7.50 doz., $60.00 per 100.

**Orange Brilliant** — Medium size floret of Brilliant Orange color, almost a flame color, shows well as florets are evenly spaced on stem. 35 cts. each, $3.50 doz., $30.00 per 100.

**Pride of Haarlem** — Early, tall grower — Beautiful Cerise Pink, one of the newest of the Primulinus bulbs, scarce. 75 cts. each, $8.50 doz., $65.00 per 100.

**Prince of Orange** — Orange Yellow at outer edge of petals gradually shading to clear yellow throat, a most wonderful bloom, very early. 75 cts. each, $8.50 doz., $65.00 per 100.

**Glorious** — Apricot yellow underlying pink. Medium early, each $1.00. $10.00 doz., $75.00 100.

**Kitty Grullemans** — Light orange darker towards edge, large ruffled flowers, $1.50 each, $15.00 doz., $100.00 per 100.

**Princess Elizabeth** — Pleasing shade of pink, underlaid buff orange, clear pink throat, 75 cts. each, $8.50 doz., $65.00 per 100.

**Prosperity** — Buff pink with clear pink throat, striking color. Medium early, 75 cts. each, $7.50 doz., $60.00 per 100.

**Rose Lusiante** — Beautiful deep rose, strong grower, early, 75 cts. each, $7.50 doz., $60.00 per 100.

**Unsurpassable** — Beautiful flesh color, resembles Caroline Testout Rose. Strong grower, $1.50 each, $15.00 doz., $100.00 per 100.

**Queen Victoria** — Bright pink, throat silvery rose, early. 35 cts. each, $3.50 doz., $30.00 per hundred.

# Gladiolus. Large Flowering Type. Novelties.

**Byron L. Smith** — Lavender pink on white ground. Excellent for cut flower. $1.00 each, $10.00 doz.,

**Evelyn Kirtland** — Light Rose. 25 cts. each, $2.50 doz., $18.00 per 100.

**Goliath** — Dark purple. 25 cts. each, $2.00 doz., $15.00 per 100.

**L'Immaculee** — Pure white. 30 cts. each, $3.00 doz., $20.00 per 100.

**Mrs. Dr. Norton** —One of the best pinks introduced, beautiful large flowers on strong stems, awarded first prize wherever shown. Stock limited. $1.50 each, $18.00 per doz.

# NOVELTIES AND SPECIALTIES
## of Recent Introduction

### American Beauty Aster
**Flowers as large as Chrysanthemums, on 2 foot stems**

American Beauty is the finest Aster introduced in many years. It is a new strain of the late branching type, but the large flowers are carried on much longer and heavier stems; this makes American Beauty invaluable for cutting, and more decorative than any other. Each plant is a perfect, compact bush, often 2½ feet across. The color is almost identical with that of the famous American Beauty Rose. Flowers are often 5 inches and more across. In packets only, 25 cts.

### Aquilegia, Mrs. Scott Elliott's Strain
**Long-Spurred Hybrids**

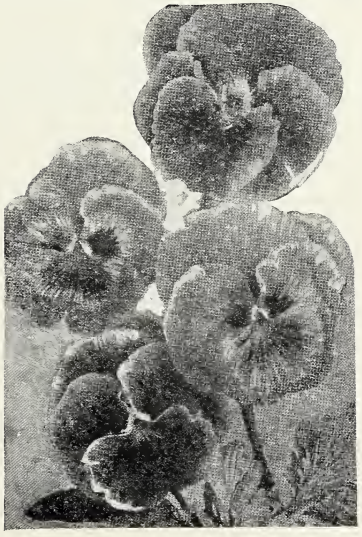
We import specially this fine strain; the colors are wonderful and in size they are immense. Pkt. 50 cts.

### African Daisy, Dimorphotheca aurantiaca hybrida

The colors found in the flowers of this annual vary from purest white, blush white and red, with tint of lemon-sulphur, light orange and salmon-rose. These flowers were first found in South Africa. An excellent bedding annual, and an uncommonly good pot-plant. Requires only simple care and flowers are produced in greatest profusion nearly all summer in sunny situations; blossoms often measure 2½ inches across. Pkt. 15 cts.

### Cosmos, Double Crested
**Deserving of a place in every Flower Garden**

A novelty of exceptional merit. Even in the Northern states you may now have one of the finest varieties of Cosmos known to flower lovers. Far surpasses the older types which are rather small flowered. The plants are of quick growth and exceptionally freeflowering. **Double Pink Beauty and Double White Queen.** Price, either kind, pkt. 25 cts.



**Pansy—Hiltonia Sel ect**

### Hiltonia Strain Pansy
**In five separate colors**

The finest of all Pansies.— These grand Pansies have petals waved or curled, giving the flowers a double or globular appearance. The flowers are large and round. Every petal has a dark blotch and there is usually a light edge or border. Highly fashionable everywhere. Pkt. 25 cts.

### New Giant-Flowered Polyanthus

These varieties are way ahead of anything heretofore sold. The individual flowers are double the size of the older kinds and the trusses very massive.

**Giant White** — Pure white, Pkt. 25 cts.
**Giant Crimson** — Very rich color. Pkt. 25 cts.
**Giant Golden** — Rich deep golden yellow. Pkt. 25 cts.
**Giant Purple** — Velvety purple. Pkt. 25 cts.
**Giant Yellow** — Rich bright yellow. Pkt. 15 cts.
**Giant Blue Primrose** — Bright blue, especially attractive. Pkt. 50 cts.

## Cardinal Climber

**Most Brilliantly Beautiful Climber Recently Introduced**

An annual of extremely rapid growth, attaining a height of 20 to 30 feet. Each plant bears almost countless numbers of round, glowing scarlet flowers, which average 1½ inches in diameter, the tube being about the same length. It succeeds best in a warm, sunny position. It flowers freely from June until frost. We should recommend planting the seed early indoors. Pkt. 15 cts.

## Chinese Woolflower

A distinct form of the Plumed Celosia. The plants average 2 feet in height, branching freely, each shoot bearing beautiful, ball-shaped flowerheads of a purplish crimson color, somewhat resembling a ball of wool. It flowers profusely during summer and fall. Pkt. 25 cts.

# General Vegetable Seeds List

## ARTICHOKE

*Culture* — Sow seed early and transplant to small pots so as to have plants about 6 inches tall when set out in June, 30-in. rows, 3 ft. apart. They will give fair crop first year, but by covering during winter the best crop can be had the second year. One ounce will produce about 600 plants.

**Green Globe** — One of the best varieties. Pkt. 10 cts., oz. 75 cts., ¼ lb. $2.

Palmetto Asparagus

### Artichoke Roots

**Jerusalem** — Distinct from the Globe, and propagated by and for the tubers. Plant in rows, 3 feet apart and 1 foot apart in the row, and cultivate occasionally. Allow the tubers to remain in the ground until needed. Used for feeding stock or pickling. Qt. 30 cts., pk. $1.50, bu. $5.

## ASPARAGUS

**One ounce will plant about 50 feet of drill**

**Colossal (Conover's)** — Large head. Pkt. 5c., oz, 15c., ¼ lb. 35 cts.

**Palmetto** — Deep green; very prolific. Pkt. 5 cts., oz. 15 cts., ¼ lb. 35 cts.

### Asparagus Roots

**Conover's Colossal, Columbian Mammoth White,** and **Palmetto** — 25 cts. per doz., $1.25 per 100, $10 per 1,000. Extra strong for forcing, $2 per 100, $18 per 1,000.

## BROCCOLI

**White Cape** — Large heads, of good flavor. Pkt. 10 cts., oz. 60 cts., ¼ lb. $2.00.

## BRUSSELS SPROUTS

*Culture* — Sow in frames as cabbage; transplant after all danger of frost is over, in rows 3 feet apart, 1½ feet in rows. Keep well cultivated.

**Improved Dwarf** — Dwarf, robust habit, make compact heads; fairly hardy. Pkt. 10 cts., ½ oz. 35 cts., oz. 70 cts.

# BUSH BEANS

New Bountiful Beans

## Try Cook's Prolific Bean for Forcing

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## BEANS

### DWARF, or BUSH GREEN-PODDED

*Culture* — Sow about May 10 in open ground after having soil well worked about 2 inches deep; keep rows about 30 inches apart and well cultivated. For succession sow in drills every 10 days until about August 15. One quart will plant about 200 feet of drill.

**Black Valentine** — Early round pods, of excellent quality. ½ lb. 20 cts.. lb. 35 cts., 2 lbs. 60 cts.

**Bountiful** — Best early flat pod variety; heavy bearer and stringless. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Early Red Valentine** — Early; strong grower, round curved pod; tender; fine for successive crops. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Long Yellow Six Weeks (Flat-Pod)** — Similar to Bountiful, but not as heavy a bearer. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Refugee or 1,000-to-1** — Best variety for late planting; especially used for pickling. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Refugee Extra-early** — One of the earliest light green-pods of medium size. ½ lb. 20 cts. lb. 35 cts., 2 lbs. 60 cts.

**Sure Crop Stringless**—Similar to Stringless Green-Pod. Splendid cropper; perfectly stringless. ½ lb. 20 cts., 1 lb. 35 cts., 2 lbs. 60 cts.

**Stringless Green-Pod** — Straight, round, stringless pods that ripen early and keep a long time before getting tough. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

### DWARF, or BUSH WAX-PODDED

**One quart will plant 200 feet of drill**

**Davis Wax** — Exceptionally long pod, flat, solid, and a fine shipper. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Improved Golden Wax** — Well known flat pod; rust proof, strong grower and heavy cropper. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Improved Black Wax** — Round pod, waxy yellow color; very prolific; fine mid-season variety. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Curries Rustproof**—One of the best late varieties; pods often measure 8 to 9 inches; flat, brittle, meaty and almost stringless. ½ lb. 20 cts., lb. 35 cts. 2 lbs. 60 cts.

**Wardwell's Kidney Wax** — Probably the best known market type; large waxy, yellow pod, flat, straight, good keeper. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

## FORCING BEANS

**Cook's Prolific** — Strong, sturdy grower, producing a quantity of slender, stringless pods of fine flavor. ½ lb. 25 cts., lb. 50 cts., 2 lbs. 90 cts.

**Masterpiece** — Well known for its fine crop of long, tender, straight, stringless pods. ½ lb. 50 cts., lb. $1.00, 2 lbs. $2.00.

**Golden White Wax (New)** — A splendid white-seeded wax Bean; one of the earliest of the dwarf varieties. Pods rich golden yellow, exceptionally brittle, of the highest quality in flavor. Can also be used as a shell Bean, being one of the few wax Beans that are pure white. ½ lb. 40 cts., lb. 70 cts., 2 lbs. $1.25.

**Cook's Sensation.** (See Novelties).

## LIMA BEANS

### DWARF BUSH

*Culture* — Lima Beans require rich loamy soil, and should be planted only after the soil has become warmed, about June 10. Make rows about 30 inches apart and about 6 inches in the row; plant about 2½ inches deep and hill up well around the plants.

**Burpee's Bush Lima** — Large white Bean, very productive, producing 4 to 6 beans to the pod. ½ lb. 25 cts., lb. 50 cts., 2 lbs. 90 cts.

**Fordhook** — An improved Dreer's Bush Lima; vigorous in habit and carry the pods well off the ground; fine flavor and good cropper. ½ lb. 25 cts., lb. 50 cts., 2 lbs. 90 cts.

**Henderson's Bush Lima** — Small Beans of fine flavor; very early. ½ lb. 25 cts., lb. 50 cts., 2 lbs. 90 cts.

## POLE LIMA BEANS

**One quart will plant 100 hills**

**Challenger, or Potato** — Round thick Bean of excellent quality; vines of sturdy growth and very productive. ½ lb. 25 cts., lb. 45 cts., 2 lbs. 90 cts.

**Ford's Mammoth** — Large, white Bean, very prolific. ½ lb. 25 cts., lb. 40 cts., 2 lbs. 80 cts

**King of the Garden** — Vigorous grower, producing large Beans of fine quality. ½ lb. 25 cts.. lb. 40 cts., 2 lbs. 80 cts.

**Early Leviathan** — Exceptionally early for a Pole Lima, and remarkably productive. ½ lb. 25 cts., lb. 40 cts., 2 lbs. 80 cts.

## POLE or RUNNING BEANS

### WAX and GREEN-PODDED VARIETIES

**One quart will plant 200 hills**

**Horticultural, or Speckled Cranberry** — Fairly stringless, tender; often used as a shell Bean. ½ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts.

**Kentucky Wonder** — Produces large clusters of fine, stringless, long pod, round, tender Beans. ½ lb. 25 cts., lb. 45 cts., 2 lbs. 90 cts.

**Scarlet Runner** — A popular variety for ornamental purposes. ½ lb. 25 cts., lb. 40 cts., 2 lbs. 80 cts.

**White Dutch Runner** — ½ lb. 25 cts., lb. 40 cts., 2 lbs. 80 cts.

## CHERVIL

*Culture* — Sow about May 10, in open ground, in rows about 1 foot apart; thin out to 2 inches to get best results. One ounce will sow about 150 feet of drill.

**Moss Curled Extra** — Used as parsley for flavoring. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

## CAULIFLOWER

*Culture* — Sow seed early in February and prick out in flats or pots; transplant in open late in May in rich soil well cultivated, 2 feet apart in rows and 2½ feet between rows. Work in a little fertilizer now and then to stimulate the plants. One ounce will produce about 3,500 plants.

**Dwarf Erfurt** — One of the earliest; fine quality. Pkt. 50 cts., ¼ oz. $2.50, oz. $8.00.

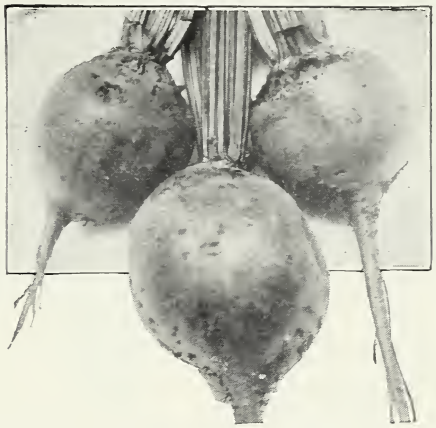
**Dry Weather** — Does well where long seasons of dry weather are experienced, making long tap-roots; it produces fine heads under these conditions. Pkt. 25 cts., ¼ oz. $1.75, oz. $6.00

**Selected Early Snowball** — Used more than most other varieties because of its surety in heading and its dwarf habit. Pkt. 25 cts., ¼ oz. $1.75, oz. $6.50.

**Autumn Giant (Veith's)** — The best late variety, producing large, well-formed heads. Pkt. 10 cts., ¼ oz. 75 cts., oz. $2.50.

# BEETS

*Culture* — Sow in drills about 18 inches apart, 1 inch deep, and thin out to about 2½ inches in row; sow early in May or as soon as the ground works well. One ounce will sow 100 feet of drill; 5 to 6 lbs. to the acre.



Crosby's Egyptian Beets

**Crimson Globe** — Medium size; fine shape, smooth skin, dark red, of fine flavor; second early and does not grow coarse. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. $2.50.

**Crosby's Egyptian** — Fine for both indoors and outside; early, sweet and tender; rich vermillon color. Pkt. 10 cts., oz. 25 cts., ¼ lb. 80 cts., lb. $2.75.

**Blood Turnip** — An early main crop variety; dark red and fine keeper. Pkt. 5 cts., oz. 25 cts., ¼ lb. 70 cts., lb. $2.00.

**Extra-early Egyptian** — The standard turnip-shaped Beet, flat at bottom with small top; very tender; light crimson color. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.25.

**Eclipse** — Very early; fine quality, sweet and tender; smooth, with skin and flesh dark red. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. $2.25.

**Dark-leaved Globe** — A splendid type of the blood-turnip variety. The dark foliage is a striking contrast to the rest of the Beet family, flesh a rich, dark color of excellent quality, very sweet. Extra good market sort. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. $2.50.

**Early Model** — Introduced for its model shape, smoothness, fine texture of flesh, purplish crimson color, delicious flavor, and keeping qualities. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00, lb. $3.00.

**Detroit Dark Red** — An ideal Beet in flavor, shape and color; globular; sweet; dark red color; fine variety for canning. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. $2.50.

# CRESS, or PEPPER GRASS

*Culture* — Sow every 10 days about 1 inch deep, in rows, about a foot apart. For water cress sow along the edge of stream or brook, ditch or pool; does better if near running water. One ounce will sow about 150 feet of drill.

**Curled, or Pepper Grass** — Used for garnishing and salads. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts.

**True Erfurt Water Cress** — Would be used more were it easier to secure. Pkt. 10 cts., oz. 60 cts., ¼ lb. $2.00.

# CHICORY

*Culture* — Sow in open in May like you would carrots, in rows 12 inches apart; thin out to 3 inches in row and allow to remain in ground until fall.

**Witloof** — (French Endive). Served as a salad in winter and is very palatable if French dressing is served with it. Pkt. 10 cts., oz. 50 cts., ¼ lb. $2.00.

**Common, or Wild** — Better known than above but doesn't make so large a head. Pkt. 10 cts., oz. 50 cts., ¼ lb. $1.75.

Copenhagen Market Cabbage

## CABBAGE

*Culture* — Sow early in January or February, and transplant to flats or frames about 2 inches apart; plant in open ground when weather conditions permit and ground can be thoroughly worked, 20 inches in rows 2 feet apart.

**One ounce will produce about 3,500 plants**

**Early Jersey Wakefield** — Conical shape, of excellent quality, sure header. Pkt. 10 cts., oz. 65 cts., ¼ lb. $2.00.

**Charleston, or Large Wakefield** — A little later than above type, of wonderful keeping qualities; highly recommended for market gardeners. Pkt. 10 cts., oz. 65 cts., ¼ lb. $2.00.

**All Seasons** — One of the best for successive planting. Pkt. 10 cts., oz. 65 cts., ¼ lb. $2.00.

**Copenhagen Market** — Extra-early round head, very solid, an excellent variety for early market use. Pkt. 10 cts., oz. $1.00. ¼ lb. $3.00.

**Danish Ballhead** — Medium size, solid head; mostly used for winter Cabbage because of its hardiness and keeping qualities. Pkt. 15 cts., oz. 65 cts., ¼ lb. $2.00.

**Succession** — Medium early, solid head, short stem. Pkt. 10 cts., oz. 50 cts., ¼ lb. $1.75.

**Large Late Drumhead** — Very solid; fine for late use. Pkt. 10 cts., oz. 50 cts., ¼ lb. $1.75.

**Large Late Flat Dutch** — Large flat head, solid and of exceptional flavor, one of the best for winter use. Pkt. 10 cts., oz. 50 cts., ¼ lb. $1.75.

### RED CABBAGE

**Mammoth Rock Red** — Without doubt the finest red Cabbage; matures late, of fine texture, and very solid head. Pkt. 10 cts., oz. $1.00, ¼ lb. $3.50.

### SAVOY CABBAGE

**American Drumhead Savoy** — The largest of the Savoy family; solid head, well crinkled which adds to the beauty of this type; crisp and of rich flavor. Pkt. 10 cts., oz. 50 cts., ¼ lb. $1.50.

### CHINESE CABBAGE, PE-TSAI

**Chinese Cabbage, Pe-Tsai** — Pkt. 10 cts., oz. 75 cts., ¼ lb. $3.00.

## CORN SALAD or FETTICUS

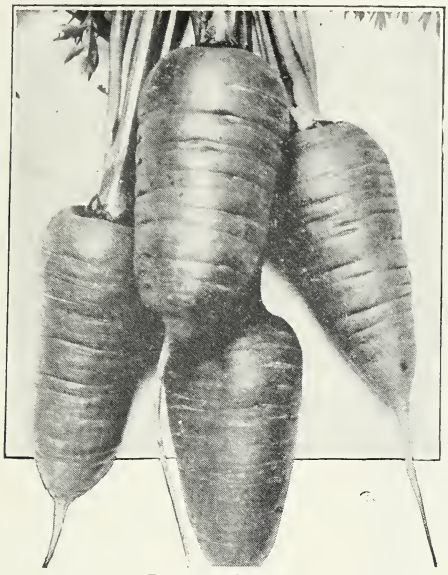
A refreshing winter salad. Can also be cooked and used like Spinach. Plant is of quick growth and hardy. For spring crop sow seed ½ inch deep in rows 1 foot apart and thin to 6 inches in rows. This crop should be ready in about 8 weeks. For extra-early crop, sow seed in September and cover with straw or leaves in northern states. For fall use, a sowing should be made in July or August. One ounce will plant a row 50 feet long. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

## CELERIAC

*Culture* — Similar to celery; the tops are used, but it is more for the root that this is grown.

**Large Smooth Prague** — Very smooth and good size; used in soups and salads. Pkt. 10 cts., oz. 40 cts., ¼ lb. $1.10.

# CARROTS



Danvers Carrots

*Culture* — Sow in light, loamy soil late in April, barely covering the seed over ½ inch, in rows 18 inches apart; thin out to 2 inches in row. Keep the soil loose around the plants by cultivation. One ounce will sow about 150 feet of drill, 3 to 4 pounds to the acre.

**Selected Chantenay** — A half-long stump, fine shape, tapering to blunt point; orange color; very sweet. Pkt. 5 cts., oz. 25 cts., ¼ lb. 70 cts.

**Selected Danvers** — One of the best for market gardens; medium size, good shape, smooth; small tap root. Pkt. 5 cts., oz. 25 cts., ¼ lb. 70 cts.

**Early French Forcing** — Short, fine for early use; the added rich, red color makes it an ideal variety; very tender. Pkt. 10 cts., oz. 30 cts., ¼ lb. 90 cts.

**Guerande, or Oxheart** — Short, thick-rooted variety, much preferred on medium clay soils. Pkt. 5 cts., oz. 25 cts., ¼ lb. 70 cts.

**James' Intermediate** — Little need be said of this, except to remind one of the richness in flavor and its wonderful keeping qualities. Pkt. 5 cts., oz. 25 cts., ¼ lb. 70 cts.

**Selected Long Orange, Improved** — The best for stock-feeding; being of pleasing flavor; pulled small makes a fine table dish. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

**Sutton's Red Intermediate** — Fine long red; very tender. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.

# CELERY

*Culture* — Sow in frame and transplant to flats; thin out to 4 inches, then when ground can be worked, set out 6 inches apart in trenches or rows, 3 to 4 feet apart; hill up or board up to blanch. Celery can be left out in trenches by making drain-pit at front of trench, then bank up high with leaves or straw, or pack away in dark cellar. One ounce will produce about 4,000 plants.

Improved White Plume Celery

**Paris Golden Self-blanching** — Easiest of all Celery to blanch; short grower, crisp and earliest of all. Pkt. 25 cts., oz. $1.50, ¼ lb. $4.50.

**Improved White Plume** — One of the best for early fall and winter use, being more of a self-blanching type than other varieties; of fine flavor and texture. Pkt. 10 cts., oz. 50 cts., ¼ lb. $1.50.

**Giant Pascal** — Makes large stalks; fine keeper. Pkt. 10 cts., oz. 25 cts., ¼ lb. $1.00.

**Perfection Heartwell** — Long, compact stalk makes this a desirable variety. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

**Fine de Siecle** — The splendid keeping qualities of this variety should make it one of the most sought for; seldom becomes pithy and is very solid and crisp. Pkt. 10 cts., oz. 50 cts., ¼ lb. $1.50.

**Covent Garden Red** — The best red Celery; claimed by many to surpass all others in flavor. Pkt. 15 cts., oz. 60 cts., ¼ lb. $2.25.

**Winter Queen** — Best late; fine keeper, good grower, making thick, solid stalk of excellent flavor. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

## THREE BEST CORN

**Golden Bantam**
**Howling Mob**
**Country Gentleman**

Country Gentleman

## SUGAR CORN

**Corn prices subject to change without notice**

*Culture*—Do not plant until late in May and the ground is thoroughly worked; four to six seeds to a hill, 3 feet apart each way. Keep well cultivated. For succession plant every 10 days. One quart will plant about 200 hills; 10 quarts to the acre.

**Golden Bantam** — One of the earliest; ripens about 5 days earlier than Cory; rich yellow color, very sweet; small ears, well filled. ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts.

**Extra-early Evergreen** — Similar to Stowell's only much earlier; large ears well filled with juicy kernels. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 70 cts.

**Golden Nugget** — About as early as Bantam but produces more ears per stalk; has the same luscious flavor and rich yellow color. ½ lb. 35 cts., lb. 60 cts., 2 lbs. $1.00.

**Howling Mob** — A grand variety; large ears, very sweet, comes just after the early types; cob well filled. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 70 cts.

**Peep-o'Day** — Extra - early, short stalk, often producing two ears to the stalk for so small a type; small ears, but filled with extremely sweet kernels. ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts.

**White Cory** — Known by its earliness; has eight rows of well-filled sweet and tender kernels. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Stowell's Evergreen** — The best main crop variety yet offered; retains its sweetness longer than most other large varieties. ½ lb. 25 cts., lb. 45 cts., 2 lbs. 75 cts.

**Late Mammoth** — Largest of all Sweet Corns; must be picked when of medium size to have any of the sweetness of the Evergreen type. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 70 cts.

**Country Gentleman** — Small cob, with long pointed kernels, irregular rowed; probably the sweetest of all Corns and keeps its flavor a long time after picking. ½ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts.

**Black Mexican** — Blue-black when picked, but becomes nearly white after cooking. But for its color would be grown more, for it is very sweet and does not dry up quickly. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 70 cts.

## DANDELION

*Culture* — Sow 1 inch deep in rich loamy soil; thin out to 12 inches apart in rows; plants are better the following spring if protected by leaves during the winter months. One ounce to 100 feet of drill.

**French Garden** — Pkt. 10 cts., oz. $1.00, ¼ lb. $3.50.

## CUCUMBERS

*Culture* — Sow about six seeds in hills of rich loamy soil, 1 inch deep, hills 4 to 6 feet apart; pull out the weak plants, leaving four to fruit; cultivate and fertilize well. By pinching main lateral it produces the fruit earlier on other laterals. One ounce will plant about 60 hills; about 3 pounds to the acre.

**Improved Early White Spine** — Medium size, light green, straight fruit; fresh, crisp, making it a good pickler as well as for table use. An extremely desirable variety for market gardeners because of size and quality. Pkt. 5 cts., oz. 25 cts., ¼ lb. 70 cts.

**Klondyke** — This variety has taken its place among the leaders because of its size, fine form, hardiness and yield; a very profitable one to grow. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts.

**Davis Perfect** — A long, slim type with fine color; very tender, making it an exceptional variety for table use. Pkt. 10 cts., oz. 20 cts., ¼ lb. 60 cts.

**Cool and Crisp** — One of the best bearers, fine shape and medium early. Pkt. 10 cts., oz. 20 cts., ¼ lb. 60 cts.

**Early Green Prolific** — Extensively used as a pickling variety. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts.

**Extra-long Green** — One of the best varieties for sweet pickles, as it makes a uniform shaped fruit. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

**Fordhook Famous** — Robust grower, making fine crisp fruit in large quantity. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts.

**Japanese Climbing** — Ornamental, besides being a fine pickling variety. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts.

## FORCING CUCUMBERS

**Telegraph** — The merits of this variety are well known to all gardeners. Pkt. (15 seeds) 25 cts.

**Sutton's Delicacy** — A little lighter in color than Telegraph; not so long but has a wonderful flavor and is very crisp. Pkt. (15 seeds) 25 cts.

## EGGPLANT

*Culture* — Sow indoors early in March or April and transplant into small pots; set out in the middle of June in rows 3 feet apart each way, keep well cultivated and fertilize occasionally. One ounce will produce about 1,000 plants.

**Early Black Beauty** — Purplish black, solid, and of good quality; much earlier than New York Improved. Pkt. 10 cts., ½ oz. 40 cts., oz. 75 cts., ¼ lb. $2.50.

**Black Pekin** — Round, glossy fruit, good color. Pkt. 10 cts., ½ oz. 40 cts., oz. 75 cts., ¼ lb. $2.50.

**New York Improved** — Large purple. Best cropper of all; fruit of good size and shape, solid and of excellent quality; a little later than others. Pkt. 10 cts., ½ oz. 40 cts., oz. 75 cts., ¼ lb. $2.65.

## ENDIVE

*Culture* — Sow in open ground in May about 1 inch deep; thin out to 1 foot, in rows 2 feet apart. After plants are fully grown, tie up to blanch, which should be done when plants are dry so as to prevent rot, for any dew or dampness will injure foliage. One ounce will plant about 250 feet of drill.

**Broad-leaved Escarolle** — Used largely for soups. Pkt. 5 cts., oz. 25 cts., ¼ lb. 80 cts.

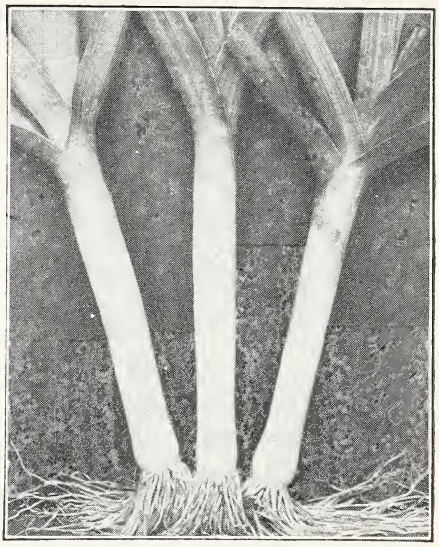
**Green Curled** — Best sort for winter use; makes fine salads. Pkt. 5 cts., oz. 25 cts., ¼ lb. 70 cts.

**Moss Curled** — More curled than above. Pkt. 10 cts., oz. 30 cts., ¼ lb. 85 cts.

**White Curled** — Very crisp; blanches easily to clear white. Pkt. 5 cts., oz. 25 cts., ¼ lb. 70 cts.

## LEEK

**Excellent for Soups**



**For Exhibition Purposes**

LEEK

*Culture* — Sow early in April in frames, or outdoors in May, 1 inch deep; transplant into trenches 6 inches deep, 6 inches apart and 12 inches between rows. Hill up the soil as Leeks grow, to blanch. Can be stored to good satisfaction in cool, moist cellars for winter use. One ounce will sow about 100 feet of drill.

**Large American Flag** — One of the best varieties, fine keeper, sturdy grower. Pkt. 10 cts., oz. 40 cts., ¼ lb. $1.60.

**Large Carentan** — Grows to large size; is very mild and highly recommended. Pkt. 10 cts., oz. 40 cts., ¼ lb. $1.60.

## KALE

*Culture* — Sow outdoors early in May, in drills about 1 inch deep; thin out to 12 to 15 inches, in rows 2 feet apart. Cultivate as cabbage. Fine for feeding to chickens in fall and winter. Tastes better after slight touch of frost. One ounce will produce about 300 plants.

**Green Curled Scotch** — Very curly; dwarf robust growth. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

**Dwarf Brown** — Not used as much as above sort; very tender. Pkt. 10 cts., oz. 30 cts. ¼ lb. $1.00.

**Siberian Kale** — The real winter sort; should be sown late in season. Pkt. 10 cts., oz. 30 cts., ¼ lb. $1.00.

## KOHLRABI

**One ounce will sow about 200 feet of drill**

**Early White Vienna** — Without doubt the best early variety; greenish white color. Pkt. 10 cts., oz. 35 cts., ¼ lb. $1.25.

**Early Purple Vienna** — Purplish skin, flesh white. Pkt. 10 cts., oz. 35 cts., ¼ lb. $1.25.

## GARLIC ROOTS

From sets; used for flavoring soups. Lb. $1.00.

# LETTUCE

*Culture* — For early use, sow in hotbeds or flats; transplant into coldframes, allow 10 inches between plants. For outdoors, sow about ½ inch deep in drills; about May 10, thin out or transplant in rows 18 inches apart; allow 12 inches between plants. Sow often for succession. Cultivate well to keep weeds down. One ounce will sow 150 feet of drill.

Big Boston Lettuce

**All-Seasons** — Does well at all seasons; heads quickly. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

**Big Boston** — The best market type; large, solid head, very tender; used for frames or outdoors. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

**Boston Market** — Good forcing kind, medium sizes head very crisp. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

**California Cream Butter** — Large, white head, tinged brown; stands heat well. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

**Crisp as Ice** — For hardiness this variety is unsurpassed; round solid heads, dark green with touch of brown at edge; crisp and tender. Pkt. 10 cts., oz. 25 cts.. ¼ lb. 75 cts.

**Golden Queen** — Yellow head, small, used mostly for early forcing. Pkt. 10 cts., oz. 30 cts., ¼ lb. 80 cts.

**Grand Rapids Forcing**—Well-known market variety. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

**Iceberg** — Makes fine large solid head; fine for hot weather. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

**May King** — Much used because of its fine, globular-shaped solid head of light green; inside heart, yellow; sweet, and free from bitterness. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

**New York, or Wonderful** — Largest of all; called Cabbage Lettuce because of its size; crisp and tender. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.,

**Mammoth Black-seeded Butter** — Large, smooth, light green head; heart, white and tender. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

**Salamander Perfected** — One of the best hot weather varieties, taking from 93 to 96 days before running up. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

**Simpson Early Curled** — Curly variety, very early; use when unable to get heads. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts.

**Tennis-ball** — (Black-seeded). Medium size, compact heads of exceptionally fine flavor. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts.

**Wayahead** — Very early Round Head. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts.

## COS, OR ROMAINE LETTUCE

**Trianon Self-closing Cos** — Best selfclosing sort; crisp and tender leaves. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts.

**Paris White Cos** — Earlier than above, but requires tying to blanch out. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

# MUSTARD

*Culture* — Broadcast or drill, in rows about 1 foot apart. Used in salads and other things for seasoning. One ounce will sow 75 feet of drill.

**White London** — Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

**Chinese** — Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

**Giant Southern** — Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts.

## MUSKMELON

*Culture* — Plant in rich, loamy soil, hilled about 6 feet apart, 5 to 7 seeds about ½ inch deep per hill; thin out to about 4 plants to the hill. Use about 3 pounds for an acre. One ounce will plant about 60 hills.

**Honey Drop** — Without a doubt the sweetest of all melons. It has good, thick flesh; deep orange color. Pkt. 15 cts., oz. 45 cts., ¼ lb. $1.50.

**Emerald Gem** — Small; flesh orange and very sweet. Pkt. 10 cts., oz. 25 cts., ¼ lb. 70 cts.

**Rocky Ford** — Oblong shape. Medium early. Flesh light green; fine flavor, and one of the best shippers. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts.

**Extra-early Hackensack** — Earlier than Hackensack. Light green juicy flesh. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts.

**Hoodoo** — Delicious flesh; thick, of deep salmon color. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts.

**Miller's Cream** — Large, round fruit with netted skin; thick, juicy, salmon-colored flesh. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts.

## MELONS FOR FORCING (Imported Seed)

**Blenheim Orange** — Well known variety; orange-scarlet flesh; very prolific. Pkt. 25 cts.

**Royal Sovereign** — Often weighs six pounds; thick, white flesh, tinged green; thin rind. Pkt. 25 cts.

**Windsor Castle** — Oval fruit, large, slightly netted, green, and of fine flavor. Pkt. 25 cts.

## WATERMELON

*Culture* — Similar to muskmelon. One ounce for about 60 hills; 4 to 5 pounds to the acre.

**Sweet Mountain** — Sweet; flesh, deep pink; thin rind. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

**Cole's Early** — For northern states this is a fine variety; ripens early, of fine texture and flavor. Melons large, with fairly thin rind. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

**Kolb's Gem** — Red flesh, solid and fine keeper. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

**Watson** — Oblong; dark green skin, bright red flesh. Pkt. 10 cts., oz. 20 cts., ¼ lb. 45 cts.

**Citron** — Preserving fruit; round. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

## MARTYNIA

*Culture* — Sow in open about May 20, in hills 2½ feet apart. Often reseeds itself.

**Proboscidea** — Used for pickling. Pkt. 10 cts., oz. 30 cts., ¼ lb. 85 cts.

## MUSHROOM SPAWN

*Culture* — In planting Mushroom spawn see that the bed is properly prepared with stable manure and a layer of well sifted soil, allowing it to stand until it retains a temperature of from 78 to 80 degrees in a room or cellar where the temperature is about 62 degrees, average. Firm manure and soil; then make holes about 8 to 10 inches apart and press pieces of spawn about 2 inches square into the holes; do not cover for about a fortnight, then cover the whole bed with about 2 inches of fresh sifted loam, and after firming place a layer of straw on top; keep the walls and floor dampened, but be very careful about watering the beds and only do so with water at about 85 degrees Fahrenheit. Mushrooms will appear in from 6 to 7 weeks, and continue to bear for a period of 4 to 5 weeks. One brick plants about 8 square feet.

**American Pure Culture Spawn** — Made in America by inoculation, only specimen size mushrooms being used. Brick 35 cts., 5 bricks $1.50, 10 bricks $3.00, 50 bricks $14.00.

## OKRA, or GUMBO

*Culture* — Sow when weather is warm, latter part of May, 1 inch deep in rows 3 feet apart, and thin out to 10 inches in row. Cultivate, and bank the soil up to hold the plants firm. One ounce to 50 feet of drill.

**White Velvet** — Smooth, velvety appearance; white and of fine flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

**Lady Finger** — A long-pod variety; productive and tender. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

**Improved Long Green** — Extra-long pods; mild flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

## PARSLEY

*Culture* — Sow in rich loam about ½ inch deep, in rows 12 inches apart; thin out to 3 inches in row. As the seed is slow in germinating it is well to soak in tepid water a few hours before planting. Ounce will sow 150 feet of drill.

**Extra Double Curled** — The well-known variety. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts.

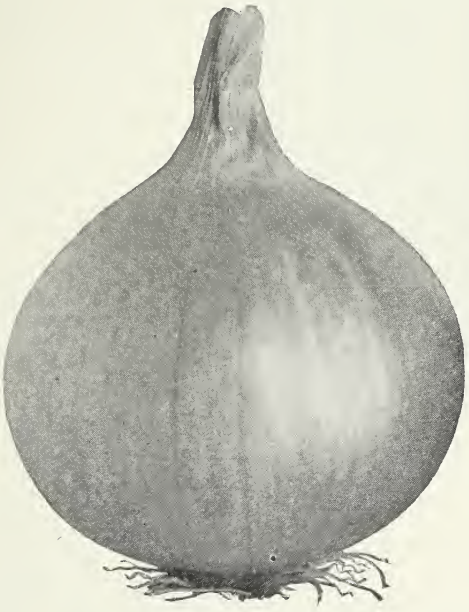
**Triple Curled** — Fine for edging, as it is dwarf, dark green. Pkt. 10 cts., oz. 25 cts., ¼ lb. 60 cts.

**Moss Curled** — Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts.

**Hamburg, or Rooted** — Used in flavoring, and often grated in salads. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts.

# ONIONS

*Culture* — Sow early, about 1 inch deep, in drills 18 inches apart; thin out to about 3 inches in row. For Spanish Onions, or extra large show Onions, sow under glass in January and transplant in April or May in open, about 3 to 4 inches apart. One ounce will sow about 200 feet of drill, 4 to 5 pounds to the acre.



**Cook's Titanic Onion**
(See Novelty)

**Ailsa Craig** — An extra-large Onion, often grown for show purposes, globular shape, with straw-colored skin; very mild. Pkt. 15 cts., ½ oz. 50 cts., oz. $1.00, ¼ lb. $4.00.

**Yellow Globe, Southport** — The wellknown globe-shaped Onion; grows very large; skin pale yellow with cream white flesh; fine keeping qualities. Pkt. 10 cts., ½ oz. 35 cts., oz. 60 cts., ¼ lb. $1.65.

**Prizetaker**—Probably the most noted show variety we have; when sown early and transplanted it produces very large Onions of fine color and delicate flavor. Pkt. 10 cts., ½ oz. 35 cts., oz. 60 cts., ¼ lb. $1.65.

**Yellow Globe Danvers** — For general purposes this is one of the best; fine shipper and keeper. Pkt. 10 cts., ½ oz. 30 cts., oz. 50 cts., ¼ lb. $1.50.

**White Globe Southport** — Known for its pure white skin and keeping qualities. Pkt. 10 cts., ½ oz. 35 cts., oz. 65 cts., ¼ lb. $1.85.

**White Portugal, or Silverskin** — One of the leading white varieties; used for pulling early, and for pickling. Pkt. 10 cts., ½ oz. 30 cts., oz. 60 cts., ¼ lb. $1.65.

**White Queen, or Barletta** — Used largely for pickling, as it does not grow to large size. Pkt. 10 cts., ½ oz. 30 cts., oz. 60 cts., ¼ lb. $1.65.

**Large Red Wethersfield**—The best known flat red Onion for market purposes, an excellent keeper, strong flavor and fine shipper. Pkt. 10 cts., ½ oz. 25 cts., oz. 40 cts., ¼ lb. $1.10.

**Southport Red Globe** — Another of the Southport type; though it does not attain the size of its companions it has just as good keeping qualities. Pkt. 10 cts., ½ oz. 25 cts., oz. 50 cts., ¼ lb. $1.65.

## ONION SETS

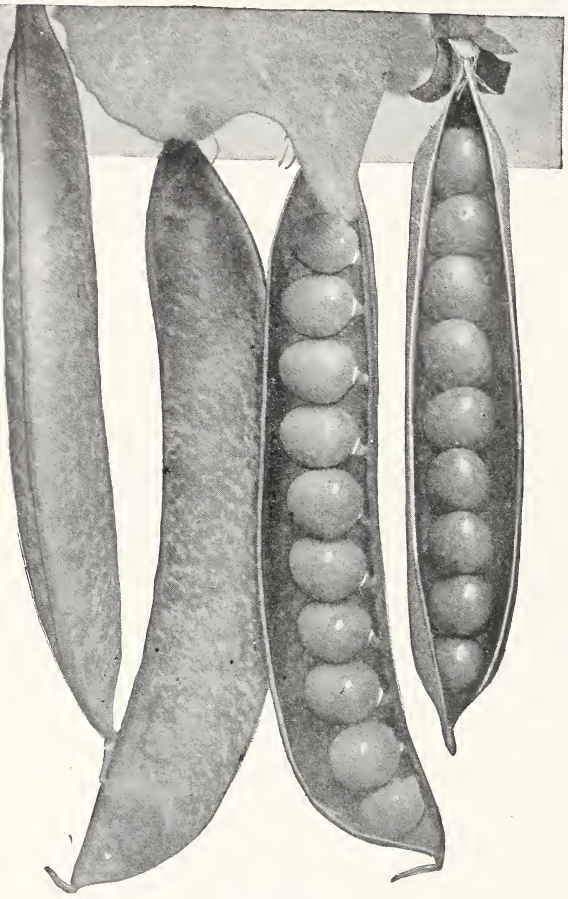
**White** — Qt. 25 cts., ½ pk. $1.00.
**Yellow** — Qt. 25 cts., ½ pk. $1.00.
**Red** — Qt. 25 cts., ½ pk. $1.00.
**White Potato, or Multiplier** — Qt. 40 cts., ½ pk. $1.40.
**Shallots** — Qt. 35 cts., ½ pk. $1.30.

# PARSNIPS

*Culture* — Dig the soil deeply and sow about ½ inch deep, about 18 inches between rows; thin out to about 3 inches in row. The roots improve after a little frost. One ounce will sow about 150 feet of drill.

**Hollow Crown Improved** — The best variety; long, white and sweet. Pkt. 5 cts., oz. 30 cts., ¼ lb. 75 cts.

**Long Smooth White** — Tender and delicious in flavor. Pkt. 5 cts., oz. 30 cts., ¼ lb. 75 cts.



Gradus Peas

# PEAS

*Culture* — Sow all smooth Peas as early as condition will permit, and continue with wrinkled varieties every two weeks until July 1, then sow smooth varieties from July 15 to August 10. For fall crop sow 2 inches deep, in rows 3 feet apart, and cultivate like beans and corn. The tall-growing kind should be brushed to keep plants off the ground. Peas should have good, rich soil to give the best results. One pound will sow about 50 feet of drill, 5 to 6 pounds to the acre.

**All Peas shipped are at purchaser's expense**

## EARLY VARIETIES

**Alaska** — Extra-early round Pea for early sowing; about 2 feet high. ½ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 8 lbs. $2.50.

**American Wonder** — A fine early wrinkled variety. 1 foot. ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts. 8 lbs. $3.00.

**Gradus, or Prosperity** — Without doubt the best variety yet introduced, combining earliness with quality and productiveness. The flavor is delicious and of lasting quality even for considerable time after picking. ½ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts.,, 8 lbs. $3.00

**Laxtonian** — Resembles Gradus in every way except that it grows only 18 inches high. Retains its flavor and withstands weather conditions wonderfully for so large a type. ½ lb. 30 cts., lb. 60 cts., 2 lbs. $1.15, 8 lbs. $3.50.

**Little Marvel** — Though it grows only 15 inches high, it surpasses almost any other dwarf-growing variety in quality, size and number of Peas to pod. ½ lb. 30 cts., lb. 50 cts., 2 lbs. 90 cts., 8 lbs. $3.50.

**Nott's Excelsior** — An improvement over American Wonder, the pods being fuller and larger. 14 inches. ½ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 8 lbs. $3.25.

**Blue Bantam** — Extra-early variety; large Peas, but very sweet. ½ lb. 40 cts., lb. 75 cts., 2 lbs. $1.50, 8 lbs. $5.50.

**Sutton's Excelsior** — Compares well with Little Marvel, although the Peas are not quite as large, but probably more productive. 18 inches. ½ lb. 30 cts., lb. 50 cts. 2 lbs. $1.00, 8 lbs. $3.50.

**Everbearing** — ½ lb. 30 cts., lb. 50 cts., 2 lbs. $1.00, 8 lbs. $3.50.

## MEDIUM-EARLY VARIETIES

**Alderman** — Medium early, producing large pods well filled with dark green peas; excellent yielder, delicious flavor. 4 feet. ½ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 8 lbs. $3.25.

**Advancer** — For a dwarf-growing variety Advancer produces abundantly, pods well filled. 2 feet. ½ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 8 lbs. $3.25.

## MAIN CROP PEAS

**Daisy, or Dwarf Telephone** — While listed under main crop sorts this is exceptionally early for so large a Pea; pods well filled. 18 inches. ½ lb. 30 cts., lb. 50 cts., 2 lbs. 95 cts., 8 lbs. $3.50.

**Champion of England** — An old standby; produces enormous crops of pods well filled with dark green peas of exceptionally fine flavor. Tall grower, about 5 feet. ½ lb. 25 cts., lb. 50 cts., 2 lbs. 95 cts. 8 lbs. $3.50.

**Price on Peas are Subject to Market Changes.**

MAIN CROP PEAS—Continued

**Potlach** — The best main crop Pea we offer; an abundant yielder, producing long pods in pairs with 7 to 8 Peas of excellent quality. 2 feet. ½ lb. 35 cts., lb. 60 cts., 2 lbs. $1.15, 8 lbs. $4.50.

**Telephone** — One of the best varieties for market or home garden; vines sturdy, often producing 16 to 18 pods to a single stalk; peas of fine flavor. 5 feet. ½ lb. 30 cts., lb. 50 cts. 2 lbs. 95 cts., 8 lbs. $3.50.

**Price on Peas are Subject to Market Changes.**

Pepper Chinese Giant

## PEPPER

*Culture* — Sow indoors in March; transplant into flats or pots, then in May, after all danger of frost has passed, set out 18 inches, in rows 30 inches apart. Keep well cultivated and fertilize often.

**Chinese Giant** — Half again as large as Ruby King; thick flesh, highly recommended. Pkt. 10 cts., oz. $1.00, ¼ lb. $3.50.

**Bull Nose, or Large Bell** — Good size and flavor. Pkt. 10 cts., oz. $1.00, ¼ lb. $3.25.

**Ruby King** — (Selected). Large fruit, very mild; fine producer. Pkt. 10 cts., oz. $1.25, ¼ lb. $3.75.

**Long Red Cayenne** — Long bright red, pungent; very productive. Pkt. 5 cts., oz. 80 cts., ¼ lb. $3.00.

**Sweet Mountain** — Sweet, of good size, desirable for pickling. Pkt. 10 cts., oz. $1.00, ¼ lb. $3.00.

**Red Chili** — Very pungent; short, pointed, used for pepper sauce or pickling. Pkt. 5 cts., oz. 80 cts., ¼ lb. $3.00.

## PUMPKIN

*Culture* — Sow in May in hills or among corn, about 5 seeds to a hill and thin out to 3 plants; if planting more than one variety give plenty of room between, as there is danger of hybridizing. One ounce will sow 50 hills.

**Connecticut Field** — The best variety for stock feeding. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts.

**Large Cheese** — Flat; flesh yellow and sweet, one of the best for family use. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts.,

**Winter Luxury** — Excellent for pies; flesh brownish yellow, fine texture, thick and very sweet. Pkt. 5 cts., oz. 20 cts., ½ lb. 50 cts.,

## RHUBARB

*Culture* — Sow in drills very thinly, about 1 inch deep; thin out to 6 inches apart and transplant to permanent bed in fall, about 3½ feet apart each way. One ounce to 150 feet of drill.

**Linnaeus** — Large; early and very tender. Pkt. 10 cts., oz. 30 cts.

**Victoria** — Fine cooking variety; larger stalk than above. Pkt. 10 cts., oz. 30 cts.

## SWISS CHARD

*Culture* — Similar to beets; when thinning out allow about 8 inches between rows. One ounce to about 150 feet of drill.

**Lucullus** — Without doubt the best variety for market or home garden; stalks tall, and can be blanched by hilling up. Pkt. 10 cts., oz. 25 cts., ¼ lb. 70 cts., lb. $2.00.

**In the section devoted to Farm Seeds you will find a general list of Corn, Grains, Clover and Grasses, that are a necessity on every farm.**

## SEED POTATOES

*Culture* — Potatoes do best in a rich, loamy soil, but can be grown on other soils if given cultivation and fertilizer. New land, with the turf freshly turned, often produces the best crops. Furrow deep, about 3 feet apart and seed 12 inches in rows; cover about 2 inches and hill around plants as you cultivate. Eight to 10 bushels will plant an acre.

**All Potato prices are subject to change without notice.**

### EARLY VARIETIES

**Early Bovee** — Earlier than Rose. Dwarf, stocky vines, very productive, splendid flavor. Pk. 90 cts., bus. $3.25, bbl. $8.25.

**Irish Cobbler** — Without a doubt the earliest of all standard sorts, fine cropper, good keeper, creamy white color. Pkt. 85 cts., bus. $3.00, bbl. $8.50.

**Early Rose** — A favorite both for looks and cooking qualities; long; rose-colored skin. Pk. 90 cts., bus. $3.25, bbl. $8.25.

**Early Ohio** — One that can be used before thoroughly ripe; cooks mealy; round in shape. Pk. 85 cts., bus. $3.00, bbl. $8.00.

### MEDIUM TO LATE VARIETIES

**Beauty of Hebron** — Excellent keeper; smooth, white and pink skin; potatoes of good size. Pk. 85 cts., bu. $3.00, bbl. $8.50.

**Carman No. 3** — Large, oblong shape; white; fine yielder. Pk. 85 cts., bu. $3.00, bbl. $8.50.

**Green Mountain** — For a yielder this ranks first among the lates. Wonderful keeper, excellent quality. Pk. 85 cts., bu. $3.00, bbl. $8.00.

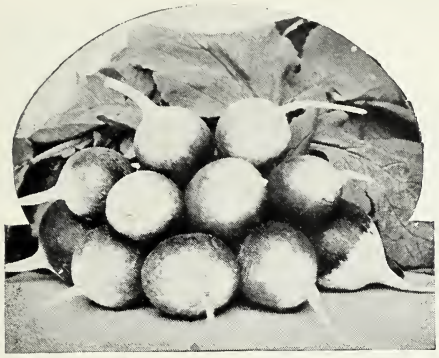
**Rural New Yorker No. 2** — A fine late sort, large cropper, and is highly recommended. Pk. 90 cts., bu. $3.25, bbl. $8.50.

**Russet** — Long russet, thick skinned variety, fine for baking; grows exceptionally well in this climate. Pk. $1.00, bus. $3.50, bbl. $9.50.

**Sir Walter Raleigh** — Late; fine quality, good cropper. Pk. 85 cts., bus. $3.00, bbl. $8.50.

## POT AND MEDICINAL HERBS

| Varieties marked A, are Annual; P, Perennial. | Pkt. | Oz. |
|---|---|---|
| **Anise** — A. Aromatic. For garnishing and flavoring | $0 10 | $0 35 |
| **Balm** — P. Leaves used medicinally | 10 | 30 |
| **Basil, Sweet** — A. Used for flavoring | 10 | 20 |
| **Borage** — A. Valuable for bees and for flavoring | 10 | 20 |
| **Chamomile** — P. Has medicinal qualities | 15 | 75 |
| **Caraway** — A. Seeds used in confectionery | 10 | 20 |
| **Catnip** — P. Used for medicinal purposes | 10 | 1 00 |
| **Coriander** — A. Seeds used in confectionery | 10 | 20 |
| **Dill** — A. Used for flavoring pickles | 10 | 20 |
| **Fennel** — P. Used for flavoring fish sauces | 10 | 20 |
| **Horehound** — P. Useful for its tonic properties | 10 | 25 |
| **Lavender** — P. Valuable for its perfume | 10 | 50 |
| **Marjoram, Sweet** — P. For flavoring; also as a tonic | 10 | 50 |
| **Mint Plants** — 10 cts. each, 75 cts. per doz. | | |
| **Rosemary** — P. Valuable as a hair wash | 10 | 50 |
| **Rue** — P. Very bitter. Used as medicine | 10 | 15 |
| **Saffron** — A. For medicinal purposes | 10 | 20 |
| **Sage** — P. Leaves are used in dressings and sauces | 10 | 75 |
| **Summer Savory** — A. Used in cookery for seasoning | 10 | 50 |
| **Tarragon Plants** — (French Estragon.) Plants of our own growing, of the genuine French Tarragon. The leaves impart a delicious flavor to salads, soups, pickles, etc. — 25 cts. each, $2.50 per doz. By mail, 5 cts. each extra. | | |
| **Thyme** — P. Used for seasoning | 10 | 1 00 |
| **Wormwood** — P. Used medicinally | 10 | 50 |



Early Scarlet White Tip Radishes

## RADISHES

*Culture* — Sow early and often for succession, in rich loamy soil in drills about 12 inches apart; thin out by pulling the large ones for use. One ounce to 100 feet of drill, about 10 pounds to the acre.

**French Breakfast** — Oval shaped, white tipped, very crisp. Pkt. 5 cts., oz. 25 cts., ¼ lb. 80 cts.

**Early Scarlet Turnip** — Small round; fine for early use. Pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts.,

**Early Scarlet Globe** — Globular; fine color, crisp, and tender. Pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts.

**Early Scarlet, White-tipped** — Excellent variety for forcing or outdoors. Pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts.

**Giant White Stuttgart** — Winter sort; flesh white and of fine flavor. Pkt. 10 cts., oz. 30 cts., ¼ lb. 75 cts.

**Black Spanish (Long)** — Long in shape; fine winter keeper. Pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts.

**Black Spanish (Round)** — Medium size, crisp, and tender. Pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts.

**Long Scarlet Short-Top** — Long, bright scarlet, with small top. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts.

**Long White Vienna, or Lady Finger** — Rapid grower, long tapering flesh; pure white. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts.

**White Icicle** — The finest of the long white Radishes. Pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts

## SALSIFY, or VEGETABLE OYSTER

*Culture* — Sow in early April, about 1 inch deep, in rows about 12 inches apart; thin to 5 inches in row. Cultivate well and store before frost for winter. One ounce to 60 feet of drill.

**Mammoth Sandwich Island** — A popular variety; large, mild, and of delicious flavor. Pkt. 10 cts., oz. 45 cts., ¼ lb. $1.50.

## SPINACH

*Culture* — Sow in early April in good rich soil, about 1 inch deep, in rows 12 inches apart; again in August. Sow one ounce to 100 feet of drill.

Victoria Spinach

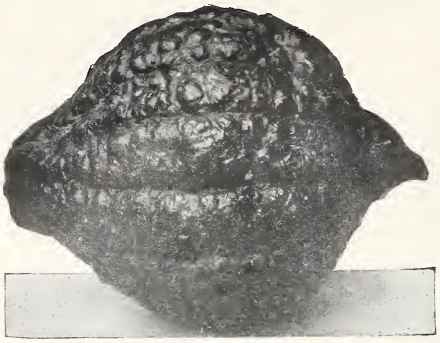
**Bloomsdale Savoy** — Crinkled leaved variety, very tender. Vigorous grower and a useful variety for market gardeners. Pkt. 5 cts., oz. 15 cts., ¼ lb. 45 cts.

**Long Season** — Dark green leaves of excellent quality; stands about two weeks longer than other varieties before running to seed. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts.

**Victoria** — Thick, dark green leaves of fine texture heavily crumpled. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts.

**Prickly, or Winter** — Vigorous and hardy; for winter use. Pkt. 10 cts., oz. 15 cts., ¼ lb. 50 cts.

**New Zealand** — Under proper condition this variety will produce all summer, giving a wonderful crop even in hot weather. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts.



Golden Hubbard Squash

## SQUASH

*Culture* — Plant in hills 4 feet apart each way, allowing about 8 to 10 seeds to a hill; thin out when plants are strong to about 5 to a hill. Keep well cultivated and dust plants with Bordeaux Mixture to prevent blight. One ounce will plant about 25 hills, about 3½ pounds for an acre.

**Delicata** — Oblong shape; yellow flesh, delicious for baking. Pkt. 10 cts., oz. 30 cts., ¼ lb. 75 cts.

**Early White Scallop Bush** — One of the earliest sorts; flesh white, very meaty; bushy grower and wonderful producer. Pkt. 5 cts., oz. 20 cts., ¼ lb. 70 cts.

**Golden Custard Bush** — Scallop-shaped, rich golden flesh, of excellent flavor. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

**Giant Summer Crookneck** — Much better than original variety; large; thick flesh, delicious flavor, fine for baking. Pkt. 10 cts., oz. 25 cts., ¼ lb. 80 cts.

**Golden Hubbard** — Shaped like Hubbard; has rich orange skin. Pkt. 5 cts., oz. 25 cts., ¼ lb. 80 cts.

**Hubbard** — Old time variety, still most popular; excellent keeper and fine for winter. Pkt. 5 cts., oz. 25 cts., ¼ lb. 80 cts.

**Boston Marrow** — One of the best sorts for autumn and early fall use. Pkt. 5 cts., oz. 20 cts., ¼ lb. 70 cts.

**English Vegetable Marrow** — Popular English market sort, excellent keeper; tender, thick flesh, of fine quality. Pkt. 10 cts., oz. 35 cts.

## TOMATO

*Culture* — Sow thinly in hotbeds or boxes early in May and prick out into flats or pots when about 2 inches high; transplant in open ground after all danger of frost is over, about the middle of June. One ounce will produce about 3,000 plants.

Abundance (See Novelty)

**Bonny Best** — Round; early and productive. Pkt. 10 cts., ½ oz. 25 cts., oz. 45 cts.

**Beauty** — One of the best standard sorts. Pkt. 5 cts., ½ oz. 20 cts., oz. 40 cts.

**Comet (Forcing)** — Medium size, solid fruit; heavy yielder. Pkt. 10 cts., ½ oz. 50 cts., oz. $1.00.

**Chalk's Early Jewel** — Extra early; bright scarlet. Pkt. 10 cts., ½ oz. 25 cts., oz. 50 cts.

**Crimson Cushion** — Large, nearly round; thick flesh. Pkt. 10 cts., ½ oz. 25 cts., oz. 50 cts.

**Earliana (Spark's)** — One of the earliest; smooth, bright red fruit, medium size. Pkt. 10 cts., ½ oz. 25 cts., oz. 50 cts.

**Acme** — Smooth, round, red, solid fruit. Pkt. 5 cts., ½ oz. 25 cts., oz. 50 cts.

**Dwarf Champion** — Sturdy grower. Purplish pink flesh. Pkt. 5 cts., ½ oz. 25 cts., oz. 40 cts.

**Dwarf Stone** — Improvement over original Stone. Ripens early, good size, excellent flavor. Pkt. 10 cts., ½ oz. 25 cts., oz. 50 cts.

**Livingstone's Globe** — Fine shape, medium size; firm flesh; early. Pkt. 10 cts., ½ oz. 25 cts., oz. 50 cts.

**Ponderosa** — Extra-large fruit, purplish pink color. Pkt. 10 cts., ½ oz. 30 cts., oz. 55 cts.

**Stirling Castle (Forcing)** — Standard forcing sort; clear red color. Pkt. 25 cts., ½ oz. $1.50, oz. $2.75.

**John Baer** — One of the earliest round, smooth, rich red. Pkt. 10 cts., ½ oz. 35 cts., oz. 60 cts.

TOMATO—Continued

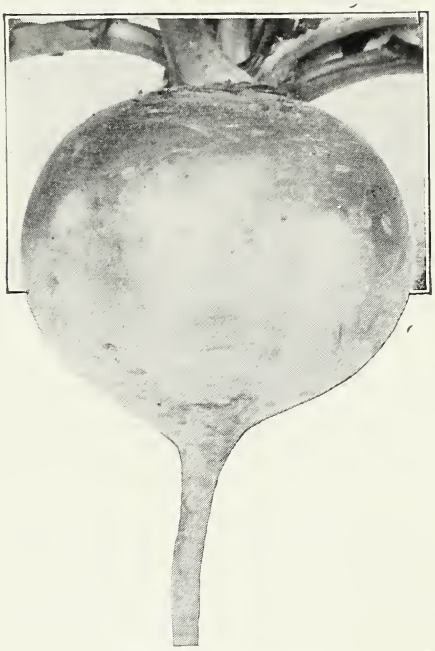
## PRESERVING VARIETIES

**Red Pear-shaped, Yellow Pear-shaped, Yellow Plum, Yellow Cherry, Red Cherry, Red Peach, Strawberry.** Pkt. 10 cts., ½ oz. 25 cts., oz. 50 cts.

**Forcing Tomato** — Winter Beauty. Sunrise Fillbasket.

## TURNIP

**Best for Table Use**



**Purple Top—Globe-shaped**

*Culture* — Sow thinly in drills 1 inch deep, 12 inches apart; thin out to 3 to 10 inches apart according to variety; cultivate well. Take up for winter use before frost sets in and store in cool cellar or pit. One ounce to 200 feet of drill.

**Early White Milan** — Exceedingly early; flesh ivory white throughout; fine flavor. Pkt. 10 cts., oz. 60 cts., ¼ lb. $2.25.

**Purple-Top Strap-Leaf** — Standard flat sort; valuable for market use. Pkt. 10 cts., oz. 25 cts., ¼ lb. 90 cts.

**Purple-Top Globe-Shape** — Similar to above but globe-shaped; heavy cropper. Pkt. 10 cts., oz. 25 cts., ¼ lb. 90 cts.

**Snowball** — Small, white, round sort, very sweet. Pkt. 5 cts., oz. 25 cts., ¼ lb. 90 cts.

**Yellow Aberdeen** — Fine variety for keeping. Pkt. 5 cts., oz. 30 cts., ¼ lb. 90 cts.

**Cowhorn, or Long White** — Best long white; very tender. Pkt. 5 cts., oz. 30 cts., ¼ lb. 85 cts.

## RUTABAGA, or Swedish Turnip

**American Purple-Top**—Large purple-top, yellow Turnip; flesh sweet and tender, fine keeper. Pkt. 5 cts., oz. 25 cts., ¼ lb. $1.00.

**Budlong's Improved** — Greatly improved variety; large size, sweet to the taste, and a good keeper. Pkt. 5 cts., oz. 25 cts., ¼ lb. $1.00.

**Improved Purple-Top** — Large; smooth skin, fine grained flesh of rich yellow; splendid keeper. Pkt. 5 cts., oz. 25 cts., ¼ lb. $1.00.

## MANGEL-WURZEL

*Culture* — Similar to beets, but more room is required when growing; allow 6 inches in row and 18 inches between rows. Mangels are used principally for stock feed, and have proved to be economical and nutritious.

**Mammoth Long Red** — One of the largest Mangels, of exceptional nutritious qualities; heavy cropper, easily harvested; flesh blood red. Pkt. 10 cts., oz. 20 cts., ¼ lb. 60 cts.

**Golden Tankard** — The best of the yellow types; valuable for its feeding properties. Pkt. 10 cts., oz. 20 cts., ¼ lb. 60 cts.

**Klein Wanzleben** — Best Sugar Beet. Pkt. 10 cts., oz. 20 cts., ¼ lb. 60 cts.

# Cook's "Aulseed" Lawn Grass Mixture

Our Lawn Mixture is all the name implies; it contains no chaff, but is composed only of select re-cleaned grasses, proportioned to insure a close, hard wearing, evergreen turf. Our experience has been that bulk does not mean satisfaction in mixture, therefore we take special pains to see that nothing but *heavy first quality seeds* are used, tested as to germination and purity. One pound will sow 300 square feet. Four bushels (100 lbs.) to the acre. Lb. 50 cts., 3 lbs. $1.45, 5 lbs. $2.35, bus. (25 lbs.) $11.00, 100 lbs. $42.50.

## "AULSEED" PUTTING GREEN MIXTURE

While we do not attempt to offer a Putting Green Mixture that will suit every condition this mixture will suit a general demand for renovating purposes. It is composed of high grade grasses, tested for purity and germination. Where new greens are to be seeded we would prefer making up special formulas to suit soil and climatic conditions. Lb. 60 cts., 5 lbs. $2.75, bu. (25 lbs.) $13.50, 100 lbs. $50.00.

## SPECIAL MIXTURES FOR HAY AND PERMANENT PASTURES

Mixtures made up as required. When ordering kindly state whether for hay or pasture, also whether soil is light, medium, or heavy, and suitable formula will be made up accordingly. Sow from 75 to 100 pounds to the acre. 10 lbs. $4.00, 100 lbs. $32.00.

## "AULSEED" FAIR GREEN MIXTURE

Composed of strong, hardwearing grasses, well balanced to produce hard-wearing turf. We are pleased to submit special formulas where extensive seeding is contemplated. Lb. 45 cts., 5 lbs. $2.15, bus. (25 lbs.) $11.00, 100 lbs. $40.00

## "AULSEED" SHADY LAWN MIXTURE

This mixture is composed of grasses that will give satisfaction under trees or shaded spots where it is impossible for other grasses to grow. While not as fine as our regular Lawn Mixture, it will be found better adapted for conditions intended. Lb. 55 cts., 10 lbs. $5.00, 20 lbs. $10.00. We also offer special mixtures for tennis courts, polo fields and other athletic grounds. Specifications and prices on application.

# GRASSES IN VARIETIES

**Prices subject to change without notice**

Owing to conditions in Europe, where many fine grasses have been grown, we are unable to offer several varieties this season. We would be pleased to hear from our customers who may be interested in these grasses, and if possible to procure, will do so at market prices.

| | Weight per bu. | Lb. | 10 lbs. | 100 lbs |
|---|---|---|---|---|
| **Canadian Blue Grass** (*Poa compressa*). Good for hard clay soils | 18 | Price on application | | |
| **Creeping Bent** (*Agrostis stolonifera*). Limited quantity | | Price on application | | |
| **Crested Dog's Tail** (*Cynosurus cristatus*). Excellent for terrace mixtures | 30 | Price on application | | |
| **English Rye Grass** (*Lolium perenne*). Valuable for hay and pasture | | Price on application | | |
| **English Rye Grass, Pacey's Strain** (Lolium perenne). Short-seeded | 24 | Price on application | | |
| **Sheep's Fescue, Fine-leaved** (*Festuca ovina angustifolia*) | 20 | Price on application | | |
| **Hard Fescue** (*Festuca duriuscula*). For poor soils | 14 | Price on application | | |
| **Italian Rye Grass** (*Lolium italicum*). Quick-growing grass, necessary in pasture mixtures | 22 | Price on application | | |
| **Kentucky Blue Grass** (*Poa pratensis*). One of the best known grasses for lawns and permanent pastures. Will thrive well and remain green in spite of weather conditions. Suitable for all soils | 14 | 75 | $7 00 | $60 00 |
| **Meadow Fescue** (*Festuca pratensis*). English Blue Grass, valuable for permanent pasture | 27 | Price on application | | |
| **Meadow Foxtail** (*Alopecurus pratensis*) | 10 | 70 | 6 25 | 50 00 |
| **Orchard Grass** (*Tactylis glomerata*). Valuable for hay and pasture | 14 | Price on application | | |
| **Red Fescue (Chewings' New Zealand).** One of the best grasses for lawns and putting greens; thrives well on all soils, creeping habit leaving little room for weeds to show | 27 | 1 25 | 12 00 | 100 00 |
| **Re-cleaned Red Top Fancy** (*Agrostis vulgaris*). Our stock of this well-known grass has been selected with utmost care as to purity and germination. Valuable for lawns | 36 | 50 | 4 75 | 45 00 |
| **Rhode Island Bent** (*Agrostis canina*). Ask for prices. Limited quantity | | | | |
| **Rough-stalked Meadow Grass** (*Poa trivialis*) for Hay | 26 | | | |
| **Sweet Vernal, True** (*Anthoxanthum odoratum*) | 10 | | | |
| **Tall Fescue** (*Festuca elatior*). Valuable for hay | 22 | | | |
| **Timothy** (*Phleum pratensis*) | 45 | 25 | 2 35 | 22 00 |
| **Various-leaved Fescue** (*Fescue heterophylla*) | | Price on application | | |
| **Wood Meadow Grass** (*Poa nemoralis*) | | Price on application | | |

# CLOVERS

**Prices subject to change without notice**

| | Lbs. to acre | | | |
|---|---|---|---|---|
| **Medium Red Clover** (*Trifolium pratense*) | 15 | Price on application | | |
| **Mammoth Red Clover** (*T. pratense perenne*). Sow 15 pounds to the acre for green manure | 15 | 90 | 8 50 | 80 00 |
| **White Dutch Clover** (*T. repens*). Valuable for lawns | 10 | 75 | 7 25 | 70 00 |
| **Alfalfa.** Specially selected stock. Western grown | 30 to 40 | Price on application | | |
| **Alsike Clover.** Suitable for hay and pasture | 15 | Price on application | | |
| **Crimson Clover** (*T. incarnatum*) | 20 | Price on application | | |
| **White Bokhara, or Sweet Clover.** Valuable for improving poor soils | 15 | Price on application | | |

## Regarding Prices on Grass and Clover Seed

As prices on Grass and Clover seeds are governed by market conditions and are subject to change daily, we would request that prospective customers write us before placing orders and procure the latest market quotations. Our Grass and Clover seeds are all of the purest, re-cleaned quality, and samples will be cheerfully submitted for your approval on application. Prices on quantity f. o. b. Cleveland, and subject to change without notice.

# FIELD SEEDS

Prices subject to change without notice

Owing to the present conditions of the market in Field Seeds and the uncertainty of germination and purity of these goods, we deem it advisable to have our customers write us for prices on quality stock of Field Corn, Barley, Millet, Oats, Cowpeas, Canada Field Peas, Winter Wheat and all other seeds for the farm.

## Seed Oats

**Clydesdale** — Popular American-grown variety. Bu. $2.00, 10 bus. $20.00.

**Welcome** — A well-known and extensively grown variety. One of the heaviest, handsomest and most productive white varieties. It stools heavily, with extra-strong, straight straw, standing well. Bu. (32 lbs.) $2.00, 10 bu. $20.00.

**Storm King** — A prolific and early variety, yielding enormous crops of fine, heavy grain. The straw is long and strong and one of the most nutritious for green fodder. Bu. (32 lbs.) $2.00, 10 bu. $20.00.

## Beardless Spring Barley

Its straw is good for green feed, or, when cured, as hay. The grain in the hull is excellent poultry-feed and with the hull removed is used in the household. It is a quick-growing crop and very nutritious. Sow broadcast 1½ to 2 bushels to the acre from May 15 to July 1. Bu. $4.50.

## Spring Wheat

**Saskatchewan** — A favorite variety for spring; vigorous and productive. Bu. (market price.)

## Spring Rye

Used as a catch crop to sow where winter grain has failed. Market price.

## Buckwheat

**Japanese** — The best, most productive and decidedly the most prolific variety in cultivation; produces the finest flour. From ½ bushel of seed sown a crop of 40 bushels has been harvested. In color the grain is a rich dark brown. Bu. (48 lbs.) $4.50.

## Field Peas

Field Peas should be sown early in April. Two bushels per acre. If sown with oats for fodder and hay, sow 1½ to 2 bushels each per acre. The Peas should be sown first and plowed under about 4 inches deep; the oats may then be drilled in.

**Canada White Field** — Also known as Canada Yellow Field Peas. Valuable for cattle feeding, and when sown with oats are excellent hog feed. Used as a feed for pigeons, etc., and for green soiling. Bu. (60 lbs.) market price.

## Cowpeas

**The Great Soil Improver**

**Whippoorwill** — A favorite, early bunch-growing variety. Has brown speckled seeds, which are more easily gathered than from the vine-growing sorts. The plants are rampant growers, hence well adapted for soiling purposes. Suitable also for either grain or hay production. Bu. $8.00.

**New Era** — An early-maturing variety. It is upright-growing, quick to mature, and remarkably prolific of peas. The vines cure easily, making splendid dry forage. The seeds are smaller than the ordinary Cowpea, requiring only from ¾ to 1 bushel of seed per acre. Bu. $9.00.

## Soy or Soja Beans

Soy Beans will stand frost that would be fatal to cowpeas, and continue to grow. They are better yielders of grain than cowpeas and plants are erect and easier to cut. An acre of Soy Beans is 50 per cent greater in feeding value than an acre of Cowpeas. One-third to ½ bushel of seed is planted per acre, with a drill, in rows, 30 inches apart.

**Ito San, or Extra-Early Yellow** — For northern sections this is the best, as it matures fully in 90 to 100 days. The plant is bushy, about 2 to 2½ feet high, with slender stems. Excellent for hay. Bu. (60 lbs.) market price.

**Large Yellow** — A late variety and grows 2 to 3 feet high, heavily loaded with seed, and yielding 6 to 8 tons of forage per acre. It is suitable for feeding green or for silo, and is unsurpassed as a soil-improving crop. Bu. (60 lbs.) market price.

## Dwarf Essex Rape

**Michigan-Grown**

Under favorable circumstances, Dwarf Essex Rape is ready for pasture in 6 weeks from the time of sowing. One acre of good Rape will carry a flock of a dozen sheep for 2 months. The Wisconsin experiment station found that an acre of Rape produced as much gain on pigs when used as a pasture crop along with grain as 56 bushels of corn would do. A crop possessing the economical feeding value of Rape should be grown on every farm where hogs are raised. Rape is often seeded in corn at the last cultivation for late summer and early fall pasture. Lb. 30 cts., 10 lbs. $2.50, 100 lbs. $22.00.

## Grimm Alfalfa

Originated in Minnesota many years ago, selected from the hardiest plants year after year until it is a fixed type of extreme vigor. The crown is receding, so is protected by the surface of the soil and is very heavily stooling, one root often producing 300 to 400 shoots. Roots are fibrous and branching, instead of having a long tap root. Some growers report larger yields of Grimm than other strains, giving a leafier, finer hay. Our seed is guaranteed to be the genuine Grimm and is unsurpassed in purity. A farmer who fails to have a field of Alfalfa on his farm is losing one of the best investments he can make. It has high feeding values, and yields heavily. Market price.

## Field Corn

**All prices of Corn subject to change without notice**

**Eureka Yellow Dent** — We recommend it for southern Michigan, northern Ohio, Indiana and Illinois, and for southern Pennsylvania. Many farmers like it for an early ensilage Corn. Ears run very symmetrical, light golden yellow in color. The cob is so small it dries out very quickly after maturing. Type well fixed and yields run high. Bu. $6.00.

**Improved Leaming Yellow Dent** — Medium early, maturing in 100 to 110 days. Grown largely in eastern and central states, for grain and fodder. Stalks often reach 10 and 12 feet in height. Often produces 125 bushels of shelled Corn per acre, stalks usually bearing 2 ears. Bu. $6.00.

**Pride of the North** — Has been a standard early yellow dent for over 25 years. A profitable variety to grow because of the great weight of the grain per measured bushel of ears. The cob is small, often 70 pounds of ears will shell 62 pounds of grain. Grain is bright orange-yellow. Ears run 7 to 8 inches long. Matures in 90 days under favorable conditions. Bu. $6.00.

**Early White Flint** — The earliest white flint Corn, ears 12 to 15 inches long, and 8-rowed. Matures in 85 to 90 days. Grain is flinty, white kernels are remarkably large for size of cob. Bu. $6.00.

**Longfellow Flint Corn** — Largest and most productive of all flint Corns. Ears large, rich yellow color, 10 to 12 inches long and usually contain 8 rows of broad kernels. Average is 2 ears to the stalk. Can be planted very close so that an immense amount of fodder and grain is obtained per acre. Stalks are leafy, making good fodder. Longfellow will mature in 90 to 100 days or even less time under favorable weather conditions. Bu. $6.00.

## Ensilage and Fodder Corn

**Yellow Ensilage** — Large yellow dent Corn. A favorite with farmers who wish a large amount of grain in silo. More easily cured than Red Cob, and smaller growing. Fodder is especially nutritious. Bu. $6.50.

**Red Cob** — Large pure white Corn with a red cob. One of the best to feed green from the field, to cure and stack away or for the silo. Fields in Michigan have cropped 45 tons per acre. Bu. $6.50.

**Earliest Sweet Fodder Corn** — Increases production of milk and cream wonderfully. Many farmers use our Earliest Sweet fodder Corn in preference to all others. An early Sweet Corn variety that will mature ears in the northern states. Stalks are of medium height, sweet, juicy, tender and very nutritious. We consider this one of the most valuable fodder plants. Write for prices.

# GENERAL LIST OF FLOWER SEEDS

**Hardy Annuals** — Sow in April or May, according to the latitude, in shallow boxes or pots placed in a warm window, in a hotbed, or, if possible, in a greenhouse. A second sowing should be made from 2 to 4 weeks after for a succession. For sowing seeds, use shallow boxes from 2 to 3 inches deep, and of any convenient size. The most suitable soil for the smaller kinds is a very fine, rich, sandy loam. After the seeds are up, care must be taken to give them plenty of air and moisture, yet not too much water, or they will "damp off." When the young plants are well out of the seed-leaf,they must be transplanted to new boxes. If pots 2 inches in diameter can be had, set out as many as required, so that as soon as the ground is warm enough they may be easily transplanted. Boxes, tin cans, etc., may be substituted for pots.

A mistake in sowing flower, as well as other seeds, is covering too deeply. As a general rule, cover only to the depth of the thickness of the seeds. Fine seeds need only to be pressed into the soil with a piece of board or the palm of the hand. Press the earth down firmly after sowing all seeds, or there is danger of their drying up before the roots can get firm hold of the soil. Seeds of the hardier annuals may be sown where they are to grow, but it is preferable to transplant. During very hot weather, and when the seedlings are first set out, they should be watered frequently. Keep weeds down and the ground loosened often.

Seeds of biennials and some hardy annuals may be sown in July and August in the open, and in September in boxes and placed in coldframes. Remove frames during the day whenever the temperature is above freezing in winter.

**Hardy Biennials and Hardy Perennials** — These require the same treatment as the hardy annuals. Hardy biennials and perennials may also be sown in the open from July to September. It is a good plan to cover the plants lightly with straw, leaves, or any dry litter, to afford some protection from the extreme severity of the winter. Remove the covering in spring and loosen the surface around the plants, which, when large enough, may be transplanted to the flower-garden.

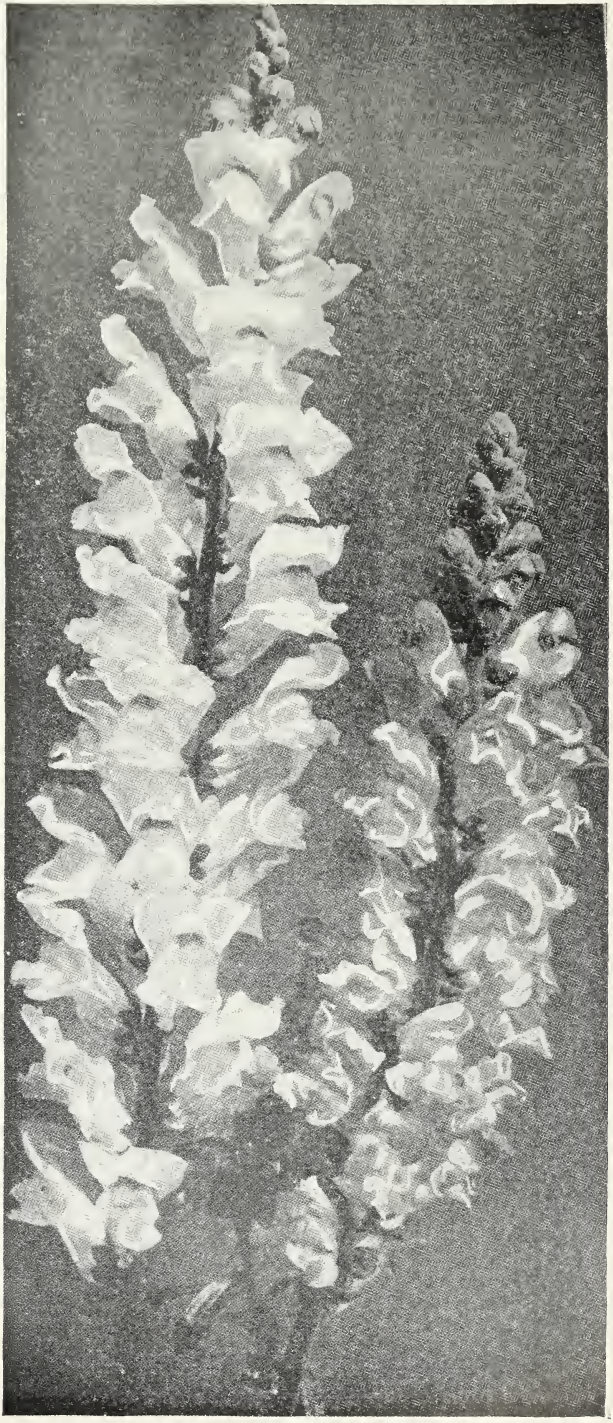
**Half-Hardy Annuals** — Sow at any time after the middle of April in a hotbed, which will be sufficient protection; cover the glass with a mat or straw at night until danger of frost is past. Give all the air possible.

**Half-Hardy Biennials and Half-Hardy Perennials** — Require the same treatment as above. Those who do not have glass frames or greenhouses need not be without flowers.

| | Pkt. |
|---|---|
| **Abronia** umbellata grandiflora | $0 10 |
| **Abrus,** precatorius (Prayer Bean) | 05 |
| **Abutilon,** Mixed Hybrids | 25 |
| **Acanthus** mollis (Bear's Breech), White | 10 |
| **Achillea** Ptarmica, "The Pearl," Double, ⅛ oz. 75 cts | 25 |
| **Aconitum** Napellus (Monkshood), Blue | 10 |
| **Acroclinium,** Mixed | 05 |
| Double, Mixed | 05 |
| **Adonis** autumnalis. Crimson | 05 |
| **Agathaea** coelestis (Blue Daisy) | 25 |
| **Ageratum,** Little Dorrit. Azure-blue ¼ oz. 40 cts | 10 |
| Little Blue Star | 25 |
| Princess Victoria Louise, Light blue, white center. ¼ oz. 40 cts | 10 |
| Swanley Blue. Oz. 75 cts | 10 |
| **Agrostemma,** Coeli-rosa (Rose of Heaven). Rose. Oz. 50 cts | 05 |
| Coronaria (Rose Campion). Rose. Oz. 50 cts | 05 |
| Coronaria. White. Oz. 50 cts | 05 |
| Coronaria. Mixed. Oz. 50 cts | 05 |
| **Alyssum** compactum, Little Gem. Oz. 50 cts | 10 |
| procumbens, White Carpet Oz. $1.00 | 10 |
| saxatile compactum. Oz. $1.25 | 10 |
| **Amaranthus** caudatus (Love-lies-bleeding), Dark red Oz. 20 cts | 05 |
| tricolor (Joseph's Coat). Variegated. Oz. $1.00 | 05 |
| **Anchusa** capensis (Cape Forget-me not). Azure-blue | 10 |
| italica, Dropmore. Blue | 15 |
| **Anthemis** tinctoria Kelwayi. Oz. $1.00 | 15 |

| | Pkt. | ¼Oz. |
|---|---|---|
| **Antirrhinum,** Nel Rose | $0 25 | |
| Silver Pink | 1 00 | |
| Cook's Special Pink Beautiful | 1 00 | |
| Half-tall Varieties | | |
| Album. White | 05 | $0 50 |
| atrococcineum. Scarlet | 05 | 50 |
| Fairy Queen (Firefly) | 05 | 50 |
| Chamois | 10 | 50 |
| lutcum, yellow | 05 | 50 |
| Romeo, Violet-rose, with pale lips | 05 | 50 |
| Mixed | 05 | 50 |
| Tall, Large-flowering Varieties — Blood-red | 10 | 35 |
| Chamois-Rose | 10 | 35 |
| Queen Victoria. Pure White | 10 | 35 |
| Striped | 10 | 35 |
| White | 10 | 35 |
| Yellow | 10 | 35 |
| Large-flowered, Mixed | 10 | 35 |
| Dwarf Varieties — | | |
| Crimson King | 15 | 50 |
| Queen of the North. Pure white | 10 | 50 |
| Rose Dore. Salmon-rose | 25 | 50 |
| Scarlet King. Brilliant scarlet | 15 | 50 |
| Semi-dwarf. Fine mixed | 10 | 50 |
| **Aquilegia** (Columbine californica hybrida | 10 | |
| canadensis | 10 | |
| chrysantha | 10 | |
| caerulea | 15 | |
| caerulea hybrida | 15 | |
| Long-spurred Hybrids, Mixed. Oz. $3.00 | 25 | |
| Skinneri | 25 | |
| Collection of Aquilegia, including 6 choice varieties | | 50 |
| Single Mixed Oz. 1.00 | 10 | |
| Double Mixed Oz. 1.25 | 15 | |
| **Arabis** alpina (Rock Cress) White | 10 | |
| **Arctotis** grandis | 10 | |
| **Aristolochia** Sipho (Dutchman's Pipe) | 10 | |
| **Asclepias** incarnata (Swamp Milkweed) | 10 | |

| | Pkt. |
|---|---|
| **Asparagus** — | |
| plumosus nanus. 100 seeds $1.00 | 25 |
| Sprengeri. 100 seeds 25 cts | 10 |
| **Asperula** odorata (Sweet Woodruff) | 10 |
| **Balsam** (Lady's Slipper). Double Scarlet King | 10 |
| Double Primrose | 10 |
| Double Salmon Queen | 10 |
| Double Rose | 10 |
| Double White Perfection | 10 |
| Double, Finest Mixed. Oz. $1.00 | 10 |
| Camellia-flowered, Mixed | 10 |



**Antirrhinum—Cook's Special Pink**

# ASTERS

Asters are of easy culture and very popular. Plants from seeds sown in the open ground in May bloom finely in September and October. For July and August flowers, sow in March or April in coldframe, spent hotbed, or in pots or boxes in the house. Cover the seeds about ½ inch deep with rich, light soil, and when the plants have 3 to 4 leaves, transplant about 18 inches apart each way into well-prepared beds. Manures too fresh or used in too large quantities sometimes induce disease in Asters; when used, they should be thoroughly well decayed and mixed with the soil. Small quantities of slaked lime or fresh wood-ashes, stirred into the surface of the Aster beds, form good tonics for the plants and keep disease and insects from the roots.

| | Pkt. | ¼ oz. |
|---|---|---|
| **Late Branching,** Dark blue | $0 10 | $0 75 |
| Crimson | 10 | 75 |
| Lavender | 10 | 75 |
| Pink | 10 | 75 |
| Rose | 10 | 75 |
| White | 10 | 75 |
| Mixed | 10 | 65 |
| **Crego Giant,** Crimson | 15 | 1 00 |
| Dark blue | 15 | 1 00 |
| Lavender | 15 | 1 00 |
| Rose | 15 | 1 00 |
| Shell-Pink | 15 | 1 00 |
| White | 15 | 1 00 |
| Mixed | 15 | 75 |
| **Queen of the Market,** Dark Blue | 10 | 75 |
| Light Blue | 10 | 75 |
| Rose | 10 | 75 |
| Scarlet | 10 | 75 |
| Violet-Red | 10 | 75 |
| White | 10 | 75 |
| Mixed | 10 | 60 |
| **Victoria, Dwarf,** White | 10 | 75 |
| Pink | 15 | 75 |
| Scarlet | 15 | 75 |
| Dark Blue | 15 | 75 |
| Light Blue | 15 | 75 |
| Mixed | 10 | 75 |

| | Pkt. | ⅛ oz. |
|---|---|---|
| **Victoria, Tall,** Peach Blossom | 15 | 75 |
| Rose | 15 | 75 |
| Dark Scarlet | 15 | 1 00 |
| White | 15 | 75 |
| Mixed | 15 | 75 |
| **Royal,** White | 15 | 1 00 |
| Pink | 15 | 1 00 |
| Lavender | 15 | 1 00 |
| Purple | 15 | 1 00 |
| Mixed | 10 | 1 00 |
| **Carlson's** White | 25 | 1 25 |
| Pink | 25 | 1 25 |
| Lavender | 25 | 1 25 |
| Am. Beauty. See Novelties | 25 | |
| **Astermum,** White | 25 | 1 25 |
| Rose Pink | 25 | 1 25 |
| Lavender | 25 | 1 25 |
| Purple | 25 | 1 25 |
| Mixed | 25 | 1 00 |

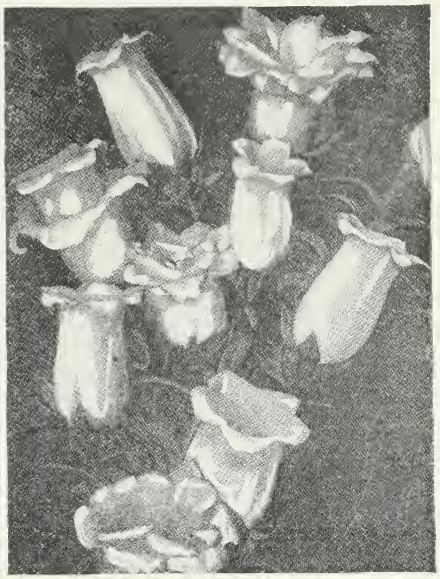
Asters

| | Pkt. | ⅛ oz. |
|---|---|---|
| **King,** White | $0 15 | $1 25 |
| Lavender | 15 | 1 25 |
| Lavender-Pink | 15 | 1 25 |
| Rose | 15 | 1 00 |
| Violet | 15 | 1 00 |

**One pkt. each of 5 varieties, 75c.**

| | | |
|---|---|---|
| **Various Asters,** Daybreak Shell-Pink | 15 | 1 00 |
| Enchantress | 15 | 1 00 |
| Mikado | 15 | 75 |
| Rochester (Lady in White) Pure white | 15 | 1 00 |
| Purity, Snow-white | 10 | 1 00 |
| **Baptisia** australis (False Indigo) | | 05 |
| **Bartonia** aurea. Golden yellow | | 05 |

| | Pkt. |
|---|---|
| **Begonia,** Single Tuberous-rooted, Mixed | 25 |
| Double Tuberous-rooted, Mixed | 50 |
| Fringed Single Tuberous-rooted, Mixed | 25 |
| gracilis luminosa. Dark scarlet; reddish brown foliage | 25 |
| gracilis, Prima Donna | 25 |
| semperflorens rosea. Rose-colored | 25 |
| semperflorens alba. White | 25 |
| semperflorens Erfordii. Rosy carmine. | 25 |
| **Begonia,** semperflorens, Vernon. Red. | 25 |
| semperflorens, Mixed | 25 |
| **Bocconia** japonica | 10 |
| **Boltonia** latisquama | 15 |
| **Brachycome** iberdifolia. Blue | 10 |
| **Browallia** speciosa major. Blue | 25 |
| Mixed | 10 |
| **Calceolaria** rugosa, Mixed | 25 |
| hybrida, James Strain | 25 |
| **Calendula,** Orange King | 25 |
| Meteor. Oz. 30 cts | 05 |
| Prince of Orange. Oz. 50 cts | 05 |
| **Calliopsis** bicolor (tinctoria) Oz. 30 cts | 05 |
| bicolor hybrida flore-plena | 05 |
| bicolor marmorata. Oz. 50 cts | 10 |
| bicolor nana radiata, Ray of Gold Oz. 50 cts | 10 |
| Crown of Gold. Yellow | 10 |
| Drummondii. Oz. 50 cts | 05 |
| Mixed annual sorts. Oz. 30 cts. | 05 |
| **Campanula** carpatica (Canterbury Bells) | 10 |
| carpatica alba | 10 |
| Medium, Single, Blue | 10 |
| Medium, Single, White | 10 |
| Medium, Single, Rose | 10 |
| Medium, Single, Mixed | 05 |
| Medium, Double, Blue | 10 |
| Medium, Double, White | 10 |
| Medium, Double, Rose | 10 |
| Medium, Double, Mixed | 10 |
| Medium, calycanthema | 15 |
| Medium, calycanthema alba | 15 |
| Medium, calycanthema rosea | 15 |
| Medium, calycanthema, Mixed Blue and White | 10 |
| persicifolia grandiflora. Blue | 15 |
| persicifolia grandiflora alba. White | 15 |
| persicifolia grandiflora, Fine mixed | 15 |
| pyramidalis (Chimney Bellflower). Blue | 10 |
| pyramidalis alba. White | 10 |
| **Canary-Bird Flower** (Tropaeolum canariense) | 10 |
| **Candytuft** (Iberis), White | 05 |
| coronaria (Rocket Candytuft). Oz. 30 cts | 05 |
| coronaria, Empress. White. One of the finest white varieties in cultivation; trusses extra large. Oz. 60 cts | 10 |



**Campanula Medium Canterbury Bells**

Candytuft—continued

| | Pkt. |
|---|---|
| coronaria, Giant Hyacinth-flowered Oz. $1.50 | 15 |
| umbellata, Purple | 05 |
| umbellata. Carminea | 10 |
| umbellata carnea. Flesh-colored | 05 |
| umbellata Dunnetto. Dark crimson | 10 |
| umbellata lilacina. Lilac. Oz. 30 cts. | 05 |
| umbellata, Queen of Italy. Oz. $1.00 | 10 |
| umbellata, Dwarf Hybrids. Oz. 50 cts | 10 |
| **Perennial Candytuft,** sempervirens | 15 |
| **Carnation, Marguerite,** Double White | 10 |
| Yellow | 10 |
| Mixed ¼ oz. 75 cts | 10 |
| Giant Marguerite | 25 |
| **Perpetual,** Chabaud's Perpetual, Double, Mixed. ⅛ oz. $1.00 | 25 |
| **Border, etc.,** Fine Double, Mixed. Variegated | 15 |
| **Celosia** cristata (Cockscomb), Glasgow Prize. Dark crimson comb of unusual size. ⅛ oz. $1.00 | 10 |
| Dwarf. Bright red | 10 |
| Dwarf. Dark yellow | 10 |
| Mixed ¼ oz. 75 cts | 10 |
| **Plumosa** (Plumed, or Ostrich-feather Cockscomb). Ostrich - feather. Crimson. ¼ oz. 50 cts | 10 |
| **Celosia plumosa,** Ostrich-feather, Orange | 10 |
| Pride of Castle Gould | 25 |
| Thompsonii magnifica, Mixed. ¼ oz. 40 cts | 10 |

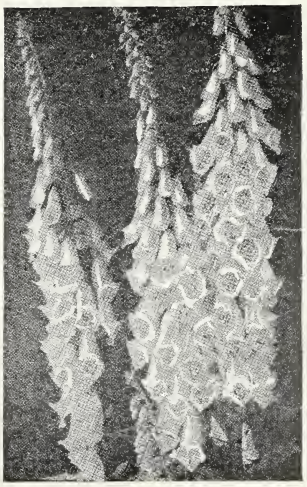
| | Pkt. |
|---|---|
| **Centaurea,** Perennial-flowering — | |
| macrocephala | 10 |
| montana, blue | 10 |
| montana, alba, white | 20 |
| Perennial Silver-leaved (Dusty Miller) | |
| candidissima. ⅛ oz. $1.00 | 15 |
| gymnocarpa. ¼ oz. 75 cts | 10 |
| Hardy Annuals, americana. ¼ oz. $1 | 10 |
| imperialis, White. ¼ oz. 75 cts | 10 |
| imperialis, Lilac. ¼ oz. 75 cts | 10 |
| imperialis, Yellow. ¼ oz. 75 cts | 10 |
| imperialis, Mixed. ¼ oz. 75 cts | 10 |
| odorata, Chameleon | 10 |
| odorata, Margaritae | 10 |
| suaveolens (Yellow Sweet Sultan) | 05 |
| Cyanus (Cornflower). Blue | 05 |
| Double Blue | 05 |
| Rose | 05 |
| Pure White | 05 |
| Mixed. ½ oz. 75 cts | 05 |
| **Cerastium** tomentosum (Snow-in-Summer). White | 25 |
| **Chelone** barbata. Red | 10 |
| barbata coccinea. Scarlet | 10 |
| barbata hybrida, Mixed | 10 |
| **Chinese Woolflower.** See Novelties | |
| **Chrysanthemum,** Northern Star | 10 |
| Leucanthemum | 10 |
| Morning Star. Yellow | 10 |
| Evening Star. Golden yellow | 10 |
| Perennial Varieties, uliginosum | 25 |
| japonicum, Mixed | 50 |
| **Cineraria,** Large-flowered. Mixed | 25 |
| Giant-flowering, Splendid Mixed | 50 |
| stellata. Mixed | 25 |
| **Clarkia** rosea. Rose; double ¼ oz. 75 cts | 10 |
| alba. White; double ¼ oz. 75 cts | 10 |
| Single, Mixed. ¼ oz. 50 cts | 05 |
| Double, Mixed. ¼ oz. 50 cts | 10 |
| **Clematis** Jackmanii hybrids, Mixed | 25 |
| **Cleome** pungens (Giant Spider Flower). Pink. Oz. $1.25 | 10 |
| **Clianthus** Dampieri. Scarlet | 25 |
| **Cobaea** scandens. Purple Oz. 75 cts. | 10 |
| scandens alba. White. Oz. $1.50 | 15 |
| **Coleus,** Fine Hybrids, Mixed | 25 |
| Finest Mixed, Large-leaved | 50 |
| **Convolvulus,** Tall, Major ( Tall Morning Glory), Mixed. Oz. 20 cts | 05 |
| Dwarf, Mixed | 05 |
| **Cosmos,** Double Crested. See Novelties. | |
| Early-flowering, Crimson ¼ oz. 75 cts. | 10 |
| Early, Pink. ¼ oz. 75 cts. | 10 |
| Early, White. ¼ oz. 75 cts. | 10 |
| Mixed. ¼ oz. 60 cts | 10 |
| Lady Lenox. Oz. $2.50 | 10 |
| **Late Flowering,** Pink | 10 |
| White | 10 |
| Crimson | 10 |
| **Cuphea, mixed** | 10 |
| **Cyclamen** giganteum, Mont Blanc. White. 100 seeds $2.00 | |
| gigantic album rubrum. White with red eye. 100 seeds $2.00 | 25 |
| giganteum, Aurora Borealis. White and pink. 100 seeds $2.00 | 25 |
| giganteum roseum. Rose. 100 seeds $2.00 | 25 |
| giganteum, Salmon Queen. Salmon 100 seeds $2.25 | 25 |
| giganteum, Mixed. 100 seeds $2.00 | 25 |
| **Cyperus** alternifolius (Umbrella Plant) | 25 |
| **Dahlia,** Double. Mixed | 10 |
| Single, Mixed. Oz. $1.00 | 10 |
| **Daisy,** Double, Red | 10 |
| Double, Rose (Longfellow), ⅛ oz. 75 cts. | 10 |
| Double, White (Snowball), ⅛ oz. 75 cts. | 10 |
| Double, Mixed. ⅛ oz. 50 cts. | 10 |
| **Datura** cornucopia (Horn of Plenty). Violet | 05 |
| Golden Queen. Bright yellow | 05 |
| **Dictamnus** (Gas Plant), Fraxinella. Red | 10 |
| Fraxinella albus. White | 10 |
| **Dimorphotheca** aurantiaca. Orange ¼ oz. 50 cts. | 15 |
| aurantiaca Hybrids. Fine Mixed ¼ oz. 50 cts. | 15 |
| **Delphinium,** Belladonna. Pale blue | 25 |
| Cardinal. Orange-scarlet | 25 |
| Chinese, Mixed. ½ oz. $1.00 | 12 |
| formosum. Brilliant blue, white center | 25 |
| Gold Medal Hybrids, Mixed | 50 |

**Delphinium**
**Gold Medal Hybrids**

**Gaillardia**
**Grandiflora**

**Dolichos,** Lablab (Hyacinth Bean).

| | Pkt. |
|---|---|
| Purple | 05 |
| Lablab albus. White | 05 |
| Lablab, Mixed. Oz. 25 cts. | 05 |
| japonicus (Daylight). White | 05 |
| **Dracaena** indivisa. Oz. 50 cts. | 10 |
| **Echinocystis** lobata (Wild Cucumber). Oz. 25 cts. | 10 |
| **Eryngium** giganteum (Silver Thistle). Blue | 10 |
| **Erysimum** arkansanum. Yellow | 05 |
| Perofskianum. Orange | 05 |
| **Eschscholtzia** californica. Yellow Oz. 50 cts. | 05 |
| californica alba. White. Oz. 50 cts. | 05 |
| aurantiaca. Orange | 05 |
| aurantiaca, Single. Orange | 05 |
| Golden West | 05 |
| Mixed, Double. ½ oz. 75 cts. | 05 |
| **Eupatorium** Fraseri | 05 |
| **Euphorbia** variegata (Snow-on-the-Mountain). Oz. $1.00 | 10 |
| **Feverfew** (Matricaria) capensis alba plena | 15 |
| eximia, Golden Ball | 15 |
| **Forget-me-Not** (Myosotis) alpestris Oz. $1.25 | 10 |
| alpestris, Victoria. ¼ oz. $1.00 | 15 |
| alpestris, Mixed. Oz. $1.00 | 10 |
| dissitiflora. Blue | 15 |
| Ruth Fischer | 25 |
| palustris (True Forget-me-Not) ⅛ oz. $1.25 | 10 |
| palustris semperflorens. ⅛ oz. $1.00 | 25 |
| **Four O'clock,** Mixed. Oz. 30 cts. | 05 |
| **Foxglove,** purpurea. Mixed. Oz. $1.25 | 10 |
| gloxinioides, Purple. Oz. $1.25 | 10 |
| gloxinioides, Rose. Oz. $1.25 | 10 |
| gloxinioides, White. Oz. $1.25 | 10 |
| grandiflora lutea. Yellow | 10 |
| **Fragaria** indica | 10 |
| **Fuchsia** hybrida. Finest Single, Mixed | 50 |
| hybrida, Finest Double Mixed | 50 |
| hybrida, Finest Single and Double, Mixed | 50 |
| **Gaillardia,** amblydon, Red | 15 |
| grandiflora maxima. Yellow | 10 |
| grandiflora. Extra-fine Mixed, ¼ oz. 75 cts. | 10 |
| picta. Red and yellow | 05 |
| picta Lorenziana. Double, Mixed | 05 |
| picta salmonea. Salmon-red | 15 |
| picta, Mixed. Oz. 60 cts. | 05 |
| **Gardenia** Thunbergii | 25 |
| **Gaura** Lindheimeri | 10 |
| **Gloxinia,** mixed | 50 |
| **Godetia,** Bijou | 25 |
| Mixed, Single. Oz. 70 cts. | 05 |
| Mixed, Double. ¼ oz. 75 cts. | 25 |
| **Gomphrena** (Globe Amaranth), mixed Oz. 40 cts. | 05 |
| **Gourds** (Ornamental). Rapid growing climbers, desirable for porch screens or covering trellises. Fruits of various form, quite novel and attractive. Mixed. Oz. 50 cts. | 05 |
| **Grevillea** robusta, ½ oz. $1.00 | 10 |
| **Gypsophila** grandiflora alba (Baby's Breath) | 10 |
| **Helenium** autumnale superbum (Sneezewort) | 10 |
| **Helichrysum** monstrosum (Eternal Flowers) Double, Mixed. ½ oz 50 cts | 10 |
| monstrosum, Dwarf, Double, Mixed ½ oz. 75 cts | 10 |



**Foxglove**
**Digitalis**
**Cook's Special**

| | Pkt. |
|---|---|
| **Heliopsis** Pitcheriana | 10 |
| **Heliotropium** (Heliotrope), Lemoine's Giant, Mixed | 10 |
| Fine Mixed | 10 |
| **Heuchera** sanguinea | 15 |
| sanguinea splendens. Dark red | 25 |
| **Hibiscus** (Mallow) africanus | 05 |
| Moscheutos roseus | 05 |
| **Hollyhocks,** Bright Pink, Chater's ¼ oz. $1.25 | 10 |
| Bright Rose, Chater's ¼ oz. $1.25 | 10 |
| Bright Scarlet, Chater's ¼ oz. $1.25 | 10 |
| **Hollyhocks,** Chamois-Rose, Chater's ¼ oz. $1.25 | 10 |
| Lilac, Chater's ¼ oz. $1.25 | 10 |
| Light Rose, Chater's ¼ oz. $1.25 | 10 |
| Salmon, Chater's ¼ oz. $1.25 | 10 |
| Snow-White ¼ oz. $1.25 | 10 |
| Yellow ¼ oz. $1.25 | 10 |
| Mixed, Double ¼ oz. $1.50 | 10 |
| **Annual Hollyhocks,** Double and Single Varieties, Mixed. ½ oz. $1.25 | 15 |
| **Humulus** japonicus (Japanese Hop) | 05 |
| japonicus variegatus ¼ oz. 20 cts | 05 |
| **Hunnemannia** fumariaefolia Oz. $1 | 10 |
| **Hypericum** elegans (St. John's Wort) | 10 |
| **Ice Plant** (Mesembryanthemum crystallinum) | 05 |
| **Impatiens** (Touch-me-not) Holstii | 25 |
| Sultani. Bright rosy carmine | 25 |
| **Ipomoea,** Annual Varieties, mixed | 05 |
| **Imperial Japanese Morning Glory,** Finest single, mixed | 05 |
| Double-flowered, mixed | 15 |
| Cardinal Climber. See Novelties | 25 |
| **Kochia** trichophylla. Oz. 50 cts | 05 |
| **Lantana,** fine mixed | 05 |
| **Lathyrus,** Crimson | 10 |
| Pink Beauty | 10 |
| White | 10 |
| **Lavatera** trimestris, red. Oz. $1 | 05 |
| trimestris alba Oz. $1.50 | 05 |
| Variegated. Oz. $1.50 | 15 |
| **Leptosyne** Stillmanii, golden yellow | 10 |
| **Linum** (Flax) | 10 |
| grandiflorum rubrum. Oz. 40 cts | 05 |
| **Lobelia** erinus gracilis. Blue. ¼ oz. 50 cts | 05 |
| Speciosa, ¼ oz. 75 cts | 10 |
| erecta, Crystal Palace compacta Dark blue. ⅛ oz. 75 cts | 20 |
| Perennial Varieties, cardinalis | 10 |
| cardinalis, Queen Victoria | 25 |
| **Love-in-a-Mist** (Nigella), Double blue Oz. 75 cts | 05 |
| Double, white. Oz. 75 cts | 05 |
| Miss Jekyll. Oz. 50 cts | 10 |

**Heliotrope—Lemoine's Giant**

| | Pkt. |
|---|---|
| **Lychnis** fulgens. Brilliant scarlet | 10 |
| Haageana hybrida, Mixed | 10 |
| **Larkspur,** Annual. Double, Stock-flowered, Dark Blue | 10 |
| Double, Stock-flowered, Lilac | 10 |
| Double, Stock-flowered, Newport pink | 10 |
| Double, Stock-flowered Shell-Pink | 10 |
| Double, Stock-flowered, Sky-Blue | 10 |
| Double, Stock-flowered, Pure White | 10 |
| Double, Stock-flowered, Finest Mixed | 10 |
| **Lupinus** (Lupine) Hartwegii. Blue Oz. $1 | 05 |
| Hartwegii albus. White. Oz. 50 cts | 05 |
| Hartwegii roseus. Rose. ½ oz. $1 | 05 |
| Mixed Annual Varieties. Oz. 50 cts | 05 |
| Perennial Varieties, arboreus. Yellow | 10 |
| arboreus albus | 25 |
| polyphyllus. Blue. ¼ oz. 50 cts | 05 |
| polyphyllus albus. White ¼ oz. 50 cts | 05 |
| polyphyllus Moerheimii | 25 |
| polyphyllus roseus. ¼ oz. 50 cts | 25 |
| polyphyllus, Mixed. ¼ oz. 50 cts | 05 |

| | Pkt. |
|---|---|
| **Marigold,** African Varieties, Eldorado Oz. $1.25 | 05 |
| Lemon Queen. ½ oz. $1 | 05 |
| Pride of the Garden ½ oz. $1 | 10 |
| Prince of Orange. Orange-color ½ oz. $1 | 05 |
| Mixed, Double. Oz. 50 cts | 05 |
| French Varieties, Legion of Honor Oz. 50 cts | 10 |
| Dwarf, mixed, Double. Oz. 40 cts | 05 |
| **Matricaria** eximia, Golden Ball. Golden yellow | 15 |
| **Mesembryanthemum** cordifolium Rose-Cream | 15 |
| crystallinum (Ice Plant) | 05 |
| **Mignonette,** Allen's Defiance. Oz. 75 cts | 10 |
| Triumph. ¼ oz. $1 | 25 |
| Goliath. Red. ¼ oz. $1 | 15 |
| Machet. Dwarf. Ruby. Oz. 75 cts | 10 |
| **Mimosa** pudica (Sensitive Plant). Oz. 50 cts | 10 |
| **Mimulus** moschatus (Musk Plant). Yellow | 10 |
| **Momordica** Balsamina. Oz. 40 cts | 05 |
| Charantia. Oz. 40 cts | 05 |
| **Musa** Ensete (Abyssinian Banana) | 25 |
| **Nemesia** compacta alba. White | 10 |
| compacta caerulea | 10 |
| strumosa Suttonii grandiflora, Mixed | 25 |
| **Nicotiana** affinis. White. Oz. 50 cts | 10 |
| sylvestris | 10 |
| **Nigella.** See Love-in-a-Mist. | |
| **Oxalis** alba. White | 25 |
| rosea. Pink | 25 |

**PANSY,** Hiltonia Strain. See Novelties.

| | Pkt. | ⅛ Oz. |
|---|---|---|
| Cassier, Finest Mixed | $0 25 | $1 25 |
| Masterpiece | 25 | 1 25 |
| Non Plus Ultra | 50 | 1 50 |
| Giant Parisian, Mixed | 15 | 75 |
| | | Oz. |
| Golden Queen. Yellow | 15 | 1 50 |
| Light Blue. Sky-blue | 15 | 1 25 |
| Lord Beaconsfield. Deep purple violet, shading to light blue | 15 | 1 50 |

## NASTURTIUMS

**Dwarf,** or **Tom Thumb** —

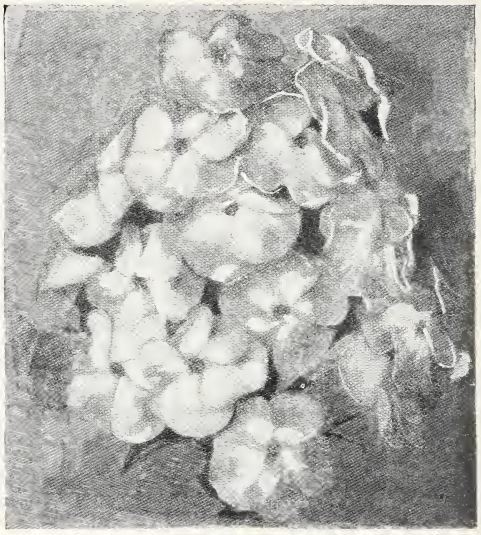
| | Pkt. | Oz. |
|---|---|---|
| Empress of India. Crimson | $0 10 | $0 25 |
| Golden Cloth. Golden yellow | 10 | 25 |
| Golden King. Golden yellow | 10 | 25 |
| Kind of Tom Thumbs, Scarlet | 10 | 25 |
| King Theodore. Black | 10 | 25 |
| Queen of Tom Thumbs, chameleon | 10 | 25 |
| Orange-Scarlet | 10 | 25 |
| White, or Pearl | 10 | 25 |
| Mixed | 10 | 20 |
| Mixed, Spotted | 10 | 25 |

| | Pkt. | Oz. |
|---|---|---|
| **Tall** or **Climbing.** Chameleon | $0 10 | $0 25 |
| Dark Crimson | 10 | 25 |
| Jupiter. Golden yellow | 10 | |
| King Theodore. Black | 10 | 25 |
| Sunlight. Golden yellow | 10 | |
| Vesuvius. Salmon | 10 | 25 |
| Yellow (Luteum) | 10 | 25 |
| Fine Mixed | 10 | |
| **Pentstemon** Hartwegii grandiflorus, Mixed | 15 | |
| Mixed, Large-flowered Varieties | 10 | |

# Petunia

| | Pkt. |
|---|---|
| Large flowering Giants of California single | $0 50 |
| Large flowering Ruffled Giants Single | 50 |
| Large flowering Double Mixed | 50 |
| Large flowering Double Fringed | 50 |
| Small flowering Truce (see novelties) | 25 |
| Small flowering Balcony Rose | 15 |
| Small flowering Balcony White | 15 |
| Small flowering Howards Star | 15 |
| Small flowering General Dodds | 10 |
| Small flowering Special Mixture | 10 |
| Dwarf Compacta Rosy Morn ⅛ oz. $1. | 15 |
| Dwarf Compacta Snowball | 15 |
| Dwarf Compacta Finest Mixture | 15 |

| | Pkt. |
|---|---|
| **Phlox Drummondi** large flowering mixed | $0 10 |
| Blood Red | 10 |
| Scarlet | 10 |
| Scarlet with white eye | 10 |
| Pink | 10 |
| Chamois | 10 |
| Yellow | 10 |
| Blue | 10 |
| White | 10 |
| **Dwarf Snowball** | 15 |
| **Dwarf Fireball** | 15 |
| **Petunia**— | |
| **Physostegia** grandiflora alba | 25 |
| **Portulaca** — | |
| rosea. Rich rose. Oz. $1 | 05 |
| Mixed Single. Oz. 75 cts | 05 |
| Double Varieties, Mixed. ⅛ oz. 75 cts | 20 |
| **Pinks** (Dianthus) Heddewign — | |
| Single, Crimson Belle | 10 |
| Single, Eastern Queen | 10 |
| Single, Mixed, Giant-flowered Oz. 50 cts | 10 |
| Double, Diadematus flore-plena | 10 |
| Double, Fireball | 10 |
| Double, Morning Pink | 10 |
| Double, Oriental Beauty | 10 |
| Double, Salmon-Queen | 10 |
| Double, Snowball | 10 |
| Double, Mixed China Pink Oz. 60 cts | 05 |
| Single, Snowflake | 10 |
| semperflorens (Perpetual Pink) | 15 |
| **Platycodon** grandiflora. Deep blue | 10 |
| grandiflora alba. White | 10 |
| **Polyanthus,** New Giant. See Novelties. | |
| **Poppy** (Papaver), Perennial Varieties — | |
| orientale hybrids, Mixed. Oz. 50 cts. | 10 |
| orientale. Brilliant vivid scarlet Oz. 75 cts | 10 |
| nudicaule (Iceland Poppy). Oz. 75 cts | 10 |
| nudicaule, Mixed. Oz. $1 | 10 |
| Annual Varieties — | |
| Shirley, Mixed. Oz. 75 cts | 10 |
| **Primrose** (Evening Primrose) Oenothera, mixed annual varieties | 10 |
| **Pryethrum,** roseum hybridum, single, mixed | 10 |
| roseum hybridum, double, mixed | 25 |
| aureum selaginoides. Oz. 50 cts | 10 |
| **Rhodanthe** maculata, rose | 10 |
| maculata alba, pure white | 10 |
| maculata, mixed | 10 |
| **Ricinus** (Castor-Oil Plant), Bourboniensis arboreus. Oz. 25 cts | 05 |
| cambogensis. Oz. 25 cts | 05 |
| Gibsonii. Oz. 35 cts | 10 |
| sanguineus | 10 |
| zanzibarensis, finest mixed. Oz. 35c | 05 |



Phlox

| | Pkt. |
|---|---|
| **Primula** — | |
| Chinensis (Chinese Primrose) — | |
| Kermesina splendens, red | 25 |
| rubra, red | 25 |
| Extra-fine mixed | 25 |
| stellata, mixed | 50 |
| Obconica, gigantea Kermesina, carmine red | 50 |
| gigantea, rose | 50 |
| gigantea, mixed | 50 |
| Forbesii (Baby Primrose) rosy lilac | 25 |
| kewensis | 30 |
| malacoides, lilac pink | 30 |
| vulgaris (English Primrose) | 20 |
| **Rocket** matronalis, purple | 05 |
| matronalis alba, white | 05 |
| **Salpiglossis** (Painted Tongue) grandiflora. Extra Choice, Mixed | 10 |
| grandiflora superbissima, Yellow | 15 |
| grandiflora superbissima, Chamois | 15 |
| grandiflora superbissima, Light Blue | 15 |
| grandiflora superbissima, Brown and Gold | 20 |
| grandiflora, Mixed. ¼ oz. 75 cts | 15 |
| **Salvia** azurea grandiflora | 20 |
| farinacea. Light blue | 10 |
| patens | 25 |
| splendens (Scarlet Sage). Oz. $2.50 | 10 |
| Bonfire. Oz. $5 | 10 |
| Dwarf Zurich. ⅛ oz. $1.50 | 25 |
| **Scabiosa** (Mourning Bride; Scabious) caucasica (Blue Bonnet). Lilac | 10 |
| Annuals, Hardy — | |
| candidissima. Double. White | 15 |
| Flesh-color | 10 |
| Scarlet | 10 |
| Double Mixed. Oz. 75 cts | 15 |
| Snowball | 10 |
| Azure Fairy | 10 |

| | Pkt. |
|---|---|
| **Schizanthus,** Moonlight | $0 50 |
| Melody. See Novelties | 50 |
| Wisetonensis | 25 |
| **Sensitive Plant.** See Mimosa pudica. | |
| **Silene** (Catch Fly), Mixed | 10 |
| **Statice** (Sea Lavender), Perennial Sorts, Mixed. Oz. $1.25 | 10 |
| **Stevia** serrata | 10 |

| | Pkt. | ⅛ Oz. |
|---|---|---|
| **Stocks,** Dwarf, Large-flowering, Ten Weeks, White | $0 10 | 1 25 |
| Blood-Red | 10 | 1 25 |
| Rose | 10 | 1 25 |
| Crimson | 10 | 1 25 |
| Dark Blue | 10 | 1 25 |
| Canary-Yellow | 10 | 1 25 |
| **Stocks,** Cut-and-Come-Again — Lavender | 10 | 1 50 |
| Light Blue | 10 | 1 50 |
| Rose | 10 | 1 50 |
| Snow-White | 10 | 1 50 |
| Violet | 10 | 1 50 |
| Mixed | 10 | 1 50 |
| Princess Alice. White | 25 | 1 75 |
| Empress Augusta Victoria | 25 | |
| Giant Perfection, Large-flowered, Mixed | 25 | 1 75 |
| White, Rose, Yellow, Crimson, Light Blue | 25 | 2 50 |

| | Pkt. |
|---|---|
| Winter Varieties, Large-flowering — Beauty of Nice. Flesh-color | 25 |
| White. Pure White | 25 |
| Queen Alexandra | 25 |
| Mixed | 25 |
| **Stokesia** (Cornflower Aster) cyanea. Lavender-blue. ¼ oz. 75 cts | 10 |
| **Sunflower** (Helianthus), New Red. See Novelties. | |
| cucumerifolius | 05 |
| cucumerifolius, Diadem. Oz. 75 cts | 10 |
| cucumerifolius, Stella. Oz. 60 cts | 10 |
| cucumerifolius hybridus flore-plena Oz. 75 cts | 10 |
| cucumerifolius, Single, Fine Mixed | 10 |
| macrophyllus giganteus. Oz. 25 cts | 05 |
| Russian, Single, Yellow | 05 |
| **Swainsonia,** Mixed Species | 10 |
| **Sweet Sultan.** See Centaurea mochata. | |
| **Sweet William,** Crimson | 05 |
| Pink Beauty | 05 |
| Scarlet Beauty | 15 |
| Newport Pink | 15 |
| White | 05 |
| Mixed. Oz. 50 cts | 05 |
| **Thunbergia** alata, Mixed. Oz. $1 | 10 |

| | Pkt. |
|---|---|
| **Torenia** Fournieri. ⅛ oz. $1.50 | 25 |
| **Tritoma** (Red-Hot-Poker Plant) | 10 |
| **Valeriana** (Valerian), rubra, Mixed | 05 |
| **Verbena** citriodora (Lemon-scented Verbena) | 10 |
| Defiance. Brilliant scarlet | 10 |
| hybrida auriculaeflora | 10 |
| hybrida. Black blue, white eye | 10 |
| hybrida. Pink | 10 |
| hybrida. Purple | 10 |
| Mammoth, white. ¼ oz. 50 cts | 10 |
| Mammoth, pink. ¼ oz. 50 cts | 10 |
| Mammoth, striped. ¼ oz. 50 cts | 10 |
| **Verbena,** Mammoth, fiery red. ¼ oz. 50 cts | 10 |
| Mammoth, intense red. ¼ oz. 50 cts | 10 |
| Mammoth, purple. ¼ oz. 50 cts | 10 |
| Mammoth, mixed. ¼ oz. 50 cts | 10 |
| Yellow, primrose color. ¼ oz. 50 cts | 10 |
| **Veronica** (Speedwell), Mixed perennial species | 10 |
| **Vinca** rosea, red. Oz. $1.50 | 10 |
| rosea alba, white, rose center. Oz. $1.50 | 10 |
| rosea alba pura, pure white. Oz. $1.50 | 10 |
| rosea, mixed. Oz. $1 | 10 |

**Sunflower Helianthus Double**

## Selected List Spencer SWEET PEAS

Through specialists, Sweet Peas have become much larger and lovelier than before. The flowers are of distinct shapes and a great improvement upon the Sweet Peas of the old type. The plants bloom more freely, often showing 3 or 4 blooms on a stem.

Deep, rich, moist soil is best suited to Sweet Peas. Trenches should be dug 1½ feet deep, and filled with very best loam, mixed with well-rotted manure. Sow plentifully, covering about 2 inches deep, thin out to about 2 inches apart. Sow as early as the ground can be prepared. Sweet Peas should not be sown on the same soil year after year.

To assist our customers in making their selections, we group varieties according to color.

### SPENCER VARIETIES

These are noted for their unusually large flowers, and for the waved or fluted appearance of the petals. They are also frequently referred to as "Orchid-flowering" Sweet Peas.

#### Blue and Lavender

| | Pkt. | Oz. | *X*lb. |
|---|---|---|---|
| **Agricola.**—Lavender and blush | $ .10 | $ .40 | $1.25 |
| **Asta Ohn**—Lavender, tinted mauve | .10 | .40 | 1.25 |
| **Florence Nightingale**—Rich lavender | .10 | .40 | 1.25 |
| **Flora Norton**—Light blue | .10 | .40 | 1.25 |
| **Lavender George Herbert**—Bluish lavender | .15 | .50 | 1.50 |
| **Margaret Madison**—Azure blue | .10 | .40 | 1.25 |
| **R. F. Felton**—Lavender | .10 | .40 | 1.25 |
| **Royal Purple**—Rich purple | .15 | .50 | 1.50 |
| **Wedgewood**—Silvery blue | .15 | .50 | 1.50 |

#### CRIMSON AND MAROON

| | | | |
|---|---|---|---|
| **Fiery Cross**—Brilliant scarlet | .20 | .60 | 2.00 |
| **King Edward Spencer**—Self-colored bright crimson | .10 | .40 | 1.25 |
| **King Manuel**—Deep maroon | .15 | .50 | 1.50 |
| **Maud Holmes**—Crimson self | .10 | .40 | 1.25 |
| **Othello**—Deep maroon | .10 | .40 | 1.25 |
| **Queen Alexandria**—Crimson | .10 | .40 | 1.25 |
| **Scarlet Emperor**—Large rich scarlet | .15 | .50 | 1.50 |
| **The President**—Orange scarlet | .20 | .60 | 2.00 |

### PINK

| | Pkt. | Oz. | ¼lb. |
|---|---|---|---|
| **Cherub**—Pink edged rose | .15 | .50 | 1.50 |
| **Countess Spencer** — Soft rose-pink | .10 | .30 | 1.00 |
| **Elfrida Pearson** — Pink, tinted with salmon | .10 | .40 | 1.25 |
| **Hercules**—Mammoth pink | .10 | .40 | 1.25 |
| **Lady Evelyn Eyre**—Blush pink on white | .10 | .40 | 1.25 |
| **Margaret Atlee** — Salmon pink | .10 | .30 | 1.00 |
| **Marie Carelli**—Bright rose | .10 | .40 | 1.25 |
| **Mrs. A, Ireland**—Rose pink on white | .10 | .40 | 1.25 |
| **Mrs. Cuthbertson**—Rosy pink on white | .10 | .40 | 1.25 |
| **Rosabelle**—Bright rose | .10 | .40 | 1.25 |

### SALMON AND ORANGE

| | | | |
|---|---|---|---|
| **Barbara**—Salmon | .15 | .50 | 1.50 |
| **Edith Taylor**—Rosy salmon | .10 | .40 | 1.25 |
| **Helen Lewis**—Orange, wings salmon | .10 | .40 | 1.25 |
| **Illuminator**—Salmon orange | .15 | .50 | 1.50 |
| **Robert Sydenham**—Orange salmon | .15 | .50 | 1.50 |
| **Sterling Stent**—Salmon orange | .10 | .40 | 1.50 |

### WHITE

| | | | |
|---|---|---|---|
| **Constance Hinton**—Best black-seeded white | $ .15 | $ .50 | $1.50 |
| **Dainty White**—Picoteed edged pink | .15 | .50 | 1.50 |
| **Etta Dyke**—Best pure white, white seeded | .10 | .40 | 1.25 |
| **Helen Pierce**—White, marbled blue | .10 | .40 | 1.25 |
| **King White** | .10 | .40 | 1.25 |
| **Loyality**—White flaked violet | .10 | .40 | 1.25 |
| **White Spencer**—Pure white | .10 | .30 | 1.00 |

### YELLOW SHADES

| | | | |
|---|---|---|---|
| **Dobbie's Cream**—Fine large primrose | .10 | .30 | 1.00 |
| **Mrs. C. W. Breadmore**—Creamy Buff | .10 | .40 | 1.25 |
| **Mrs. Hugh Dickson**—Cream edge on buff | .10 | .40 | 1.25 |
| **Primrose Spencer**—Light primrose-yellow | .10 | .30 | 1.00 |

### SWEET PEAS IN MIXTURE

| | Pkt. | Oz. | ¼lb. | Lb. |
|---|---|---|---|---|
| **Cook's Euclid Mixture** | $0.10 | $0.25 | $1.00 | $3.00 |
| **Grandiflora Mixture** | .10 | .25 | .75 | 1.50 |
| **Spencer Varieties, Mixed** | .10 | .25 | .75 | 2.50 |

## SWEET PEAS

### (Winter-Flowering)

| | Pkt. |
|---|---|
| **Blue Bird**—Mid blue self | $ .25 |
| **Glitters**—Bright fiery orange | .25 |
| **Heather Bell.**—Rich mauve | .25 |
| **Melody.**—Rose-pink on white ground | .25 |
| **Mrs. A. A. Skach.**—Bright pink | .25 |
| **Mrs. M. Spanolin.**—Pure white | .25 |
| **Morning Star.**—Deep orange-scarlet or flame standard, wings rich orange-pink | .25 |
| **Spring Maid.**—Light pink on cream ground | .25 |
| **Snowflake.**—Pure white, long stems | .25 |
| **Song Bird.**—Pale pink on white ground | .25 |
| **Yarrawa.**—A new orchid-flowered or Spencer variety of a pleasing shade of bright rose-pink with a creamy-yellow base. The flowers are usually produced in fours on long, strong stems | .15 |

**Winter Flowering** — Sweet Peas sown in pots early in January and February give excellent results in a temperature of 45°.

If sown out of door as soon as frost is gone they will bloom two weeks earlier than the Spencer types but the stems are inclined to be short although the flowers are quite as large as those grown indoors.

Sweet Peas will stand plenty of cultivating and a rich loamy soil.

| | Pkt. |
|---|---|
| **Violet,** Sweet-scented, mixed | 10 |
| **Viola** (Tufted Pansies) cornuta, Purple Queen. ¼ oz. $1.50 | 10 |
| Cornuta, Mauve Queen. ¼ oz. $1.50 | 10 |
| Cornuta, White Perfection. ¼ oz. $1.75 | 10 |
| **Wallflower,** Single-flowering Varieties, Golden King. Golden Yellow. ¼ oz. 40 cts | 10 |
| Rose Queen. Terra-Cotta-Pink. ¼ oz. 40 cts | 10 |
| Fine Mixed. ¼ oz. 40 cts | 10 |
| Double-flowering Varieties — Double Mixed. ¼ oz. $1 | 25 |
| **Xeranthemum,** Mixed | 10 |
| **Yucca** filamentosa | 10 |
| **Zinnia** (Youth and Old Age), Tall Mammoth-flowering Double— Crimson. Oz. 50 cts | 15 |
| Flesh-color. Oz. 50 cts | 15 |
| Sulphur-yellow | 15 |
| Violet | 15 |
| White. Oz. 50 cts | 15 |
| Mixed. Oz. 40 cts | 15 |
| Dwarf Double — Bright Scarlet. Oz. $1 | 10 |
| Crimson | 10 |
| Purple | 10 |
| Salmon. Oz. $1 | 10 |
| Snowball. White | 10 |
| Yellow. Golden. Oz. $1 | 10 |
| Mixed. Oz. 75 cts | 10 |
| Curled and Crested, Mixed | 10 |

Zinnia Giant

# ORNAMENTAL GRASSES

Ornamental Grasses are attractive in mixed flower-beds or borders, and for grouping by themselves. Many of them, if cut before they are entirely ripe, will be found useful when dried, in winter bouquets, in connection with the "Everlastings."

| | Pkt. |
|---|---|
| **Agrostis** nebulosa | $0 10 |
| **Avena** sterilis (Animated Oats) | 05 |
| **Gymnothrix** japonica | 10 |
| latifolia | 10 |
| **Gynerium** argenteum | 10 |
| argenteum roseum | 10 |
| jubatum | 10 |
| **Hordeum** jubatum | 10 |
| **Panicum** sulcatum | 10 |
| **Pennisetum** longistylum (villosum) ¼ lb. 30 cts | 05 |
| Ruppelianum. ¼ lb. 30 cts | 05 |
| **Poa** amabilis | 05 |
| **Stipa** elegantissima. Oz. 20 cts | 10 |
| pennata (Feather Grass). Oz. 20 cts | 10 |
| **Zea Maize** (Ornamental Varieties of Corn) gracillima (minima) | 05 |
| japonica foliis variegatis | 05 |
| **Chloris** barbata vera | 10 |
| **Chryurus** cyonsuriodides | 05 |
| **Coix** Lacryma (Job's Tears) | 05 |
| **Eleusine** (Crab or Yard Grass) barcinonensis | 05 |
| coracana | |
| indica (Wire Grass) | |
| **Elymus** giganteus | 05 |
| Eragrostis abyssinica | 05 |
| amabilis | 05 |
| elegans | 05 |
| maxima | 10 |
| **Erian thus** Ravennae (Plume Grass). Largely used in mass plantings | 05 |
| **Eulalia** japonica | 10 |
| japonica zebrina (Zebra Grass) | 10 |
| **Festuca** glauca (Fescue Grass) | 10 |

**Try Our Zinnias— All Giant Flowers.**

**Don't overlook the Novelties and Specialties described on pages 2 and 3. Note particularly the American Beauty Aster and the list of Sweet Peas.**

## MISCELLANEOUS BULBS

| | Each | Doz. | 100 |
|---|---|---|---|
| **Amaryllis** belladonna major | $0 15 | $1 50 | |
| Johnsonii. Mammoth bulbs | 50 | 5 00 | |
| Johnsonii. Selected bulbs | 30 | 3 00 | |
| **Apios** tuberosa (Tuberous-rooted Wisteria). Tubers | 10 | 75 | $5 00 |
| **Anemone,** St. Brigid | $0 40 | $2 50 | |
| **Cinnamon Vine** (*Dioscorea Batatas*) | $0 10 | 1 00 | $7 00 |
| **Caladium** esculentum (Elephant's Ear) | | | |
| First-sized bulbs | 10 | 1 00 | 6 00 |
| Large-sized bulbs | 20 | 2 00 | 10 00 |
| Mammoth-sized bulbs | 25 | 2 50 | 15 00 |
| Jumbo-sized bulbs | 50 | 5 00 | 35 00 |

## CANNAS

| | Each | Doz. | 100 |
|---|---|---|---|
| **Firebird** — Glistening scarlet | $0 25 | $3 00 | $20 00 |
| **Gladioflora** — Crimson, irregular edge of gold | 15 | 1 25 | 8 00 |
| **Hungaria** — Pink | 15 | 1 50 | 10 00 |
| **Mrs. Alfred F. Conard** — Salmon-pink | 15 | 1 50 | 10 00 |
| **Gladiator** — Brassy yellow, specked with dull red | 15 | 1 25 | 8 00 |
| **King Humbert** — Rich salmon-scarlet | 15 | 1 25 | 8 00 |
| **Yellow King Humbert** | 25 | 2 50 | 20 00 |

**The following list of Cannas at 10 cts. each, $1 per doz., $6 per 100**

**Richard Wallace** — Yellow
**Queen Charlotte** — Blood-red, bordered with canary-yellow.
**Mme. Crozy** — Orange-scarlet, bordered with yellow.
**David Harum** — Scarlet; bronze foliage.
**Egandale** — Cherry-red; bronze foliage.
**Robusta** — Bronze-green; bronze foliage.
**Mlle. Berat** — Dark pink; green foliage.
**A. Bouvier** — Dark crimson; green foliage.
**Charles Henderson** — Crimson; green foliage.
**Louisiana** — Scarlet; green foliage.

## DAHLIAS

CACTUS —
**Countess of Lonsdale.** Salmon-pink and amber.
**Kriemhilde.** Delicate flesh-pink, shading deep rose-pink.
**Price of Yellows.** Rich canary-yellow.
**Price of any of the above, 25 cts. each, $2.50 per doz., $18 per 100**

DECORATIVE —
**Delice.** Lavender-pink.
**Clifford W. Burton.** Canary-yellow.
**Jack Rose.** Rich shade of crimson.
**Lyndhurst.** Bright scarlet.
**Souvenir de Gustave Doazon.** Pure red.
**25 cts. each, $2.50 per doz.**

PEONY-FLOWERED —

| | Each | Doz. |
|---|---|---|
| **Andrew Carnegie.** Bright rose-pink | $0 35 | $3 50 |
| **Bertha von Suttner.** Salmon-pink, shaded yellow | 35 | 3 50 |
| **Caesar.** Canary-yellow | 50 | 5 00 |
| **Chatenay.** Yellow | 75 | 7 50 |

| | Each | Doz. |
|---|---|---|
| **Peony-flowered Dahlias,** continued | | |
| **Duke Henry.** Deep crimson | $0 35 | $3 50 |
| **Geisha.** Scarlet and gold, center yellow | 50 | 5 00 |
| **Glory of Baarn.** Suffusion of rose and white | 35 | 3 50 |

**Prices subject to change**

POMPOM —
**Marguerite.** Light pink.
**Snowclad.** Pure white.
**Little Beatrice.** Delicate pink.
**Any of the above 25 cts. each, $2.50 per doz.**

SHOW —
**A. D. Livoni.** Splendid clear pink.
**Arabella.** Light sulphur-yellow, shaded peach-blossom.
**Red Hussar.** Fiery cardinal.
**Snowball.** White, touch of yellow.
**White Dove.** Pure white.
**Strong roots of above varieties, 25 cts. each, $2.50 per doz., $18 per 100**

## GLADIOLI

| | Each | Doz. | 100 |
|---|---|---|---|
| **America** — Delicate lavender-pink | $0 10 | $0 90 | $7 00 |
| **Baron Hulot** — Violet-blue | 10 | 90 | 8 00 |
| **Empress of India** — Dark brown-red | 10 | 1 00 | 8 00 |
| **Glory of Holland** — White | 10 | 1 00 | 8 00 |
| **Halley** — Salmon-pink | 10 | 75 | 6 00 |
| **Kunderdi Glory** — Creamy pink, crimson stripe in the center | 15 | 1 50 | 10 00 |
| **Leiber Feuer** | 20 | 2 00 | 15 00 |
| **Europe** | 25 | 2 50 | 18 00 |
| **Lily Lehman** — White | 15 | 1 50 | 10 00 |
| **Loveliness** — Pale primrose, touch of apricot | 20 | 2 00 | 15 00 |
| **Mrs. Frank Pendleton** — Salmon-pink, with deep rich maroon blotch on lower petals | 20 | 2 00 | 15 00 |
| **Panama** — Pure rose pink | 15 | 1 50 | 10 00 |
| **Pink Perfection** — Apple-blossom-pink | 15 | 1 50 | 10 00 |
| **Schwaben** — Pure canary-yellow | 15 | 1 50 | 10 00 |
| **Mrs. Frances King** — Brilliant flaming-pink | 05 | 75 | 6 50 |
| **Niagara** — Primrose, touched lilac | 15 | 1 50 | 10 00 |
| **Peace** — White, pale lilac throat | 10 | 1 00 | 8 00 |
| **Pink Beauty** | 15 | 1 50 | 10 00 |
| **Princeps** — Brilliant scarlet-crimson, marked white on lower petals | 10 | 1 25 | 9 00 |
| **Sulphur King** — Yellow | 25 | 2 50 | 18 00 |
| **Augusta** — White, tinted lavender | 05 | 75 | 6 50 |
| **Cook's Selected Mixture** | | 75 | 6 00 |
| **Prince of Wales** | 25 | 2 50 | 18 00 |

## HARDY LILIES

| | Each | Doz | 100 |
|---|---|---|---|
| **Lilium auratum**— | | | |
| 8- to 9-in. bulbs | | | |
| 9- to 11-in. bulbs | $ .50 | $5.75 | $45.00 |
| 11- to 13-in. bulbs | .75 | 8.75 | 70.00 |
| **Lilium speciosum manificum** | | | |
| 9- to 11-in. bulbs | .50 | 5.75 | 45.00 |
| 11- to 13-in. bulbs | .70 | 8.00 | 60.00 |
| **Lilium speciosum album** | | | |
| 9- to 11-in. bulbs | .70 | 8.00 | 60.00 |
| **Lilium Henryi** — (The Yellow Speciosum) | .70 | 8.00 | 65.00 |
| **Lilium Hansonii** | Write for prices | | |
| **Batemanniae** | Write for prices | | |
| **Tenuifolium** | Write for prices | | |
| **Regale** — The Regal Lily | Write for prices | | |

## GRAPE VINES

**WHITE — Diamond, Green Mountain, Niagara and Pocklington**
**RED — Agawam, Brighton, Catawba and Delaware**
**BLACK and BLUE — Concord, Eaton, Moore's Early and Worden**

} **Extra-strong, 3-year-old vines, 50 cts. each, $5 per doz.**

**Currants** — 15 cts. each, $1.50, per doz., $10.00 per 100.

**Gooseberries** — American varieties, 20 cts. each, $2.00 per doz., $15.00 per 100.
English varieties, 40 cts. each, $4.00 per doz., $30.00 per 100.

**Blackberries** — Extra-strong canes, 15 cts. each, $1.25 per doz., $8.00 per 100.

**Raspberries** — Extra-strong canes, 15 cts. each, $1.25 per doz., $8.00 per 100.
*Red, Black and Purple.* New Raspberry, *St. Regis* Everbearing (Raniere). Extra-strong canes. 15 cts. each, $1.50 per doz., $10.00 per 100.

Extra-strong canes, 15 cts. each, $1.25 per doz., $8.00 per 100.

## MONTBRETIAS

The following six varieties of new, giant-flowering Montbretias should be grown by everyone desiring the best. The type is so distinct from existing kinds as to justify recognition as an entirely new race. The flowers are held erect, sometimes as much as 4 inches across, and are borne on stems 3 to 4 feet high.

**George Davidson** — A splendid Montbretia. The stems are 3 to 4 feet high, eight to ten-branched, bearing lovely, pale orange-yellow flowers 3 inches across; among the first to flower, and makes a glorious show in the garden. 15 cts. each, $1.50 per doz., $10.00 per 100.

**Germania** — Grows from 3 to 4 feet high, producing graceful, freebranching flower-spikes, bearing very large, widely expanded flowers 2 to 3 inches across. The color is a rich, glowing orange-scarlet, with red throat. 15 cts. each, $1.50 per doz., $10.00 per 100.

**King Edmund** — A very strong grower. The flowers are of very large size, and of a rich golden yellow, with brown markings in the throat. A very attractive variety. 20 cts. each, $2.00 per doz., $15.00 per 100.

**Golden West** — This new variety, which is an improvement on Golden Sheaf, produces tall-branching spikes and large well-opened flowers, without the least spot or shade. A very strong grower and an excellent new variety in every way. 15 cts. each, $1.50 per doz., $10.00 per 100.

**Lord Nelson** — A very striking variety at our grounds this year. A clear orange-scarlet, with a light yellow throat. The flower averages 2 to 3 inches across in size and is borne freely on well-branched spikes 2 feet high. 20 cts. each, $2.00 per doz., $15.00 per 100.

**Martagon** — Very showy and neat, the flowers reflexed as in the Martagon lily; color pale yellow with orange throat. 15 cts. each, $1.50 per doz., $10.00 per 100.

### Three Good Standard Sorts

**California** — A beautiful, deep golden yellow, very recommendable; a profuse bloomer. 75 cts. per doz., $5.00 per 100.

**Star of Fire** — Bright vermilion, center yellow, outside blood-red. 75 cts. per doz., $5.00 per 100.

**Sunset** — Golden yellow. 75 cts. per doz., $5.00 per 100.

## GREENHOUSE PLANTS

## CHRYSANTHEMUMS

**Prices subject to change**

**Nag-ir-roc** — Deep orange-yellow.
**October King** — Golden yellow.
**President John Everitt** — Chamois pink.
**William H. Waite** — Deep bronze.
**Bob Pulling** — Orange-yellow.
**Earl Kitchner** — Amaranth-white.
**Mrs. Gilbert Drabble** — White.
**Ogontz** — Light primrose.
**William Rigby** — Canary-yellow.

**Any of above plants from 2¼-inch pots, 25 cts. each, $2 per doz., $15 per 100.**

**C. H. Totty** — Chestnut-scarlet.
**Early Rose** —
**Elberon** — Pink.
**Harry E. Converse** — Bronze.
**James Fraser** — Bright yellow.
**Lenox** — Yellow.
**Nerissa** — Rosy mauve.
**Pockett's Crimson** — Crimson.
**Odessa** — Yellow.
**Well's Late Pink** — Bright pink.
**William Turner** — White.
**William Vert** — Crimson.

**Any of above plants from 2¼-inch pots, 25 cts. each, $2.00 per doz., $15.00 per 100.**

# GREENHOUSE PLANTS—Continued

## CARNATIONS

**Harvester** (new). Pure white. 2¼ inch $3.00 per doz., $25.00 per 100.
**Ruth Baur** — 2¼ inch. (new). $3.00 per doz., $25.00 per 100.
**Laddie** — 2¼ inch (scarce). $3.00 per doz., $25.00 per 100.
**Cottage Maid**
**Crystal White**
**Alice** — Flesh-pink.
**Beacon** — Christmas scarlet.
**Benora** — Creamy white, penciled with bright red.
**Enchantress Supreme** — Salmon-pink.
**Matchless** — Best white.
**Mrs. C. W. Ward** — Dark pink.
**White Enchantress** — Finest white.
**White Wonder** — Pure white.

$2.00 per doz., $12.00 per 100.

**All of the above plants from 2¼ inch pots, unless otherwise noted. Prices subject to change.**

## ROSES

Prices subject to change

**Pilgrim** (Montgomery) The New Pink Rose.
**Crusader** (Montgomery). The New Red Rose.
**Mrs. John Cook** (John Cook). The New White Rose.

Any of the above plants.

PRICES

| | | | |
|---|---|---|---|
| **Grafted —** | | | |
| 2¼-inch | $ 90 each | $ 9 00 per doz. | $60 00 per 100 |
| 3 -inch | 1 00 each | 10 00 per doz. | 70 00 per 100 |
| 4 -inch | 1 25 each | 12 50 per doz. | 80 00 per 100 |
| **Own Root —** | | | |
| 2¼-inch | 75 each | 7 50 per doz. | 50 00 per 100 |
| 3 -inch | 90 each | 9 00 per doz. | 60 00 per 100 |
| 4 -inch | 1 00 each | 10 00 per doz. | 70 00 per 100 |

**Premier**—Rose Pink (successor to Mrs. Russell).
**Mrs. Henry Winnett** — Bright crimson.
**Columbia** — Peachblow-pink, deeper pink center.
**Ophelia Supreme** — Salmon-pink.

**Double White Killarney** — White.
**Hadley** — Deep crimson.
**Hoosier** — Deep crimson.
**Jonkheer J. L. Mock** — Pink.
**Killarney Brilliant** — Pink.
**Mrs. Aaron Ward** — Yellow.

**Mrs. Charles Russell**
**Mrs. George Shawyer** — Deep pink.
**Ophelia** — Salmon-pink, shading to yellow.
**Sunburst** — Deep golden yellow.
**Red Radiance** — Red.
**Richmond** — Bright scarlet.
**White Killarney** — White.

Any of the above plants.

PRICES

| | | | |
|---|---|---|---|
| **Grafted —** | | | |
| 2¼-inch | $ 50 each | $ 5 00 per doz. | $40 00 per 100 |
| 3 -inch | 60 each | 6 00 per doz. | 50 00 per 100 |
| 4 -inch | 75 each | 7 00 per doz. | 60 00 per 100 |
| **Own Root —** | | | |
| 2¼-inch | $ 30 each | $ 4 00 per doz. | $30 00 per 100 |
| 3 -inch | 40 each | 5 00 per doz. | 40 00 per 100 |
| 4 -inch | 50 each | 6 00 per doz. | 50 00 per 100 |

## GARDEN IRIS

The true "Fleur-de-lis." They are perfectly hardy, thrive anywhere, grow and bloom luxuriantly.

**Canary Bird** — Falls creamy white, uppers light canary yellow, medium sized flower. 10 cts. each, $1.00 per doz., $5.00 per 100.

**Caprice** — Immense blooms, solid violet-blue. 15 cts. each, $1.50 per doz., $10.00 per 100.

**Celeste** — Falls bright blue, uppers delicate grayish blue; all having a lavender effect. 15 cts. each, $1.50 per doz., $6.00 per 100.

**Ed. Mitchell**—Standards rosy mauve, falls deep mauve. Large, handsome and distinct. Very rare. $1.50 each.

**Her Majesty** — Falls crimson over white, giving flower a slightly striped effect; uppers bright lavender rose. A fine large flower.

**Honorabilis** — Fine yellow upper, with lower petals of maroon.

**Iris King** — Standards lemon yellow, falls deep satiny brown with broad margin of golden yellow, very large and rank grower. 25 cts. each, $2.50 per doz., $18.00 per 100.

**Lohengrin** — Standards and falls uniform shade of cattleya rose. Very large, 30 cts. each, $3.00 per doz., $20.00 per 100.

**Mad. Chereau** — Very delicate and distinct; white, edged blue. 15 cts. each, $1.50 per doz. $6.00 per 100.

**Mrs. Alan Gray** — Uniform delicate pale rose. This iris often blooms in the fall. The best pink 50 cts. each, $4.00 per doz., $30.00 per 100.

**Mrs. Neubronner** — Very deep golden yellow, no marks, very fine. 30 cts. each, $3.00 per doz., $20.00 per 100.

**Nibelungen** — Standards fawn, falls violet, with fawn margin. A handsome variety. 30 cts. each, $3.00 per doz., $20.00 per 100.

**Perfection** — Standards light blue, falls velvety black violet with orange beard. A sharp and attractive combination. 25 cts. each, $2.50 per doz., $18.00 per 100.

**Princess of Wales** — A beautiful tall variety, midseason, or later than Florentina Alba. Purest white. 25 cts. each, $2.00 per doz., $12.00 per 100.

**Rhein Nixe** — Standards pure white, falls deep violet-blue with narrow white margin. A striking combination, finest for cutting. 25 cts. each, $2.50 per doz., $15.00 per 100.

**Tamerlane** — Foliage very heavy, standards light blue, falls deep purple. 20 cts. each, $1.75 per doz., $12.00 per 100.

**Victorine** — Standards white, falls mottled violet. A sharp contrast, beautiful and rare. 25 cts. each, $2.25 per doz., $15.00 per 100.

**Midnight** — Black purple (*new*). 20 cts. each, $2.00 per doz., $8.00 per 100.

### GARDEN IRIS—Continued

**Genuine Pallida Dalmatica** — Immense, clear, light blue flowers, very fragrant. 25 cts. each, $2.50 per doz., $12.00 per 100.
**Iris Kaempferi** — (*Japan Iris*). Finest of all the Iris family. The flowers are of immense size from six to eight inches in diameter, and of the most beautiful and delicate shades.
**Eclipse** — Crimson maroon.
**Gold Bond** — Double white.
**Spotted Beauty** — Double silky white, spotted crimson.
**Oriole** — Rich plum.
**Pyramid** — Lilac blue, veined white center in each petal.
**Robert Craig** — French gray, veined violet.
Unless noted, 15 cts. each, $1.25 per doz., $8.00 per 100.

## PEONIES

Peonies are noble flowers, rivaling the rose in coloring and perfection of bloom. Many enjoy their fragrance even better than that of the rose. Plants are perfectly hardy without protection, are not troubled with insect pests or diseases, and once planted, take care of themselves, increasing in size and beauty each year. No other flower is so well adapted for large, showy bouquets. Peonies may be planted either singly on the lawn or in the border; where the lawn is extensive, a large bed makes a grand showing.

We quote on strong 3- to 5-eyed roots that will give you much quicker and better results.

Peonies

**This selection of Peonies are the best from a field of 60 varieties**

**Felix Crouse** — Most striking and brilliant of all. Brilliant dazzling red; easily the best of that color. The splendor of this flower is beyond description in words. It blooms in midseason and is very dependable. The flower is round and full. 55 cts. each, $1.50 for 3, $5.25 per doz., prepaid.
**Festiva maxima** — The finest white Peony, and the most popular of all. Flower is very large, rose-shape, well-nigh perfect. Blossoms freely on long stems. Blooms very early; fragrant. 50 cts. each, $1.25 for 3, $4.50 per doz., prepaid.
**Midnight** — (The black Peony). A dark purplish crimson, flowering late in the season. Has brilliant golden yellow anthers; flower stems are stiff and long; its rich color brings a heavy demand. 45 cts. each, $1.20 for 3, $4.00 per doz., prepaid.
**Crown of Gold (Couronne d'Or)** — The best yellow-tinted variety. Full bell-shaped flower, white with yellowish center. Makes a perfect cut-flower and is one that never fails to succeed. Blooms quite late after others go. 45 cts. each, $1.25 for 3, $4.25 per doz., prepaid.
**Edulis superba** — The earliest in our collection. A large flower of brilliant rose-pink; gracefully loose and flat. Best for cut-flower as they last well and are real fragrant. 40 cts. each, $1.00 for 3, $3.50 per doz., prepaid.
**Louis Van Houtte** — Fragrant as a rose. Rich crimson, tipped with silver. Comes into bloom right after the earliest and is strong and vigorous in growth, 40 cts. each, $1.00 for 3, $3.50 per doz., prepaid.
**Officianlis rubra plena** — The old-fashioned red sort of our grandmothers' gardens. Very early; usually in full blossom by Decoration Day throughout the North. 40 cts. each, $1.10 for 3, $3.75 per doz., prepaid.

# THE BEST HARDY ROSES

Out of the vast multitude of varieties offered to the public we have picked the very best of each type. The Tea Roses are the most tender and should have winter protection of straw, etc., in the northern states. They bloom continuously and their flowers are the finest in the Rose kingdom. They command the highest prices at the florists. The Hybrid Teas are the result of crossing between Teas and hardier types. They are real hardy and yet retain the splendid flowering habit of the Tea Roses. They bloom all summer; excellent for cut-flowers or the garden. Hybrid Perpetuals, or June Roses, are the hardiest of all; they require little care after once planted, bear great quantities of lovely flowers and are perhaps the best for the amateur, as they rarely fail to succeed. Our Climbing Roses are all perfectly hardy. Climbers can be put to so many good uses that it seems as if every household should have at least a few.

**Price of each variety, 2-year-old, $1.00 each, $10.00 per doz.**

**All Hybrid Tea Roses are scarce.**

**Order Early.**

**Hybrid Tea Roses**

**Our Climbing Roses are Exceptionally Strong.**

## FAMOUS TEA ROSES

**Kaiserin Augusta Victoria** — The best white Rose in the world; large and fully double, showing no center when open. Stems are long and graceful, making it elegant for cut-flowers as well as for bedding. A suggestion of lemo-color in the center just adds the finishing touch.

**Sunburst** — Stands head and shoulders above all other yellows. A magnificent giant Rose with shadings of copper and orange. The buds are long, pointed, light at the tips.

**Jonkheer J. L. Mock** — Color is carmine, changing to imperial pink. Flowers keep well because of their great depth and texture.

**Gruss an Teplitz** — Bright scarlet, changing to rich velvety crimson. Foliage is a beautiful bronze-plum-color. Almost immune from disease and succeeding well.

**Killarney** — A brilliant sparkling shell-pink with silvery cast at the base of petals. Graceful in the extreme and of all-round excellence. Of exquisite fragrance and texture.

**Etoile de France** — (The Gold Medal Rose of France). Velvety crimson, shading to vivid cerise. Flowers extremely large on long, stiff stems; buds long and pointed.

**Etoile de Lyon** — Splendid golden yellow flowers, full and deep. One of the finest in existance; very vigorous growth and hardy in extremes of heat and cold.

**White Maman Cochet** — The best white Tea Rose; of delicious fragrance. Buds are long and pointed, opening gracefully.

## HYBRID PERPETUALS

**Frau Karl Druschki** — The White American Beauty. An ideal hardy white Rose, pure in color and perfect in form. Superb in every way; free-blooming, strong.

**General Jacqueminot** — The famous "Jack Rose," everybody's favorite, doing well anywhere. Brilliant shining crimson.

**Paul Neyron** — The largest Hybrid Perpetual. Deep rose-color, always fresh and clear.

**Anne de Diesbach (Glory of Paris)** — Brilliant pink, with long, pointed buds, and large, finely formed, compact flowers. Very sweet fragrance; invaluable for cutting.

# SHRUBS, VINES AND HARDY PLANTS

## AMPELOPSIS VEITCHII

Boston Ivy clings firmly to the smoothest surface of rock or wood. In the autumn the glossy leaves assume the most beautiful tints of scarlet and crimson. The handsomest vine possible for growth on house walls. It is quite hardy, but some protection of straw may well be used immediately over the roots in winter. Strong roots, 35 cts. each.

## CLEMATIS

**Paniculata** — This handsome, hardy climber is one of the choicest and most satisfactory climbing flowering plants; strong, rapid grower, with small, dense, cheerful green foliage, completely covered with clustered snow-white flowers of delicious fragrance in August and September. Extra-size, 2-year-old vines, 35 cts. each.

**Jackmannii** — A hardy, large-flowered variety with beautiful violet-purple blooms. Remarkably for velvety richness. 50 cts. each.

**Henryi** — Fine, large, creamy white flowers. Very hardy and a strong grower. The best of the white varieties. 50 cts. each.

Jackmannii and Henryi are of slender wiry growth and require some support to twine around, such as a pole or wire. They do particularly well in partially shaded, moist spots, and flower continuously from July until frost.

## HONEYSUCKLES (Climbing)

**Hall's Japan** — This is the most constant bloomer of the class, being literally covered all summer with beautiful yellow and white flowers. 35 cts. each.

**Scarlet Trumpet** — A strong, rapid grower; blossoms freely the entire season; bright red trumpet-shaped flowers. 50 cts. each.

## JAPANESE KUDZU VINE

The most remarkably and rapid-growing of all hardy vines, often making a growth of 50 to 75 feet in one season, and flourishes where nothing else will grow. In the North the plant dies to the ground in the winter, coming up again from the roots in the spring. It has clusters of delightfully fragrant purple flowers in summer and autumn, with large, beautiful, deep green leaves, affording a dense shade. Strong, 1-year-old roots, 25 cts. each.

## Koster's Blue Spruce

**Pungens Glauca Kosteriana (Koster's Blue Spruce)**—A rapid vigorous grower, silvery blue foliage. Perfectly hardy under all conditions. Well shaped trees. The variation in these prices is due to the great variation in individual specimens as to color.

| Height | Each |
|---|---|
| 18 in. | **$4.00** |
| 2 to 2½ ft. | **$4.00** to **5.00** |
| 3 ft. | **5.50** |
| 4½ ft., | **$10.00** to **12.00** |
| 5 to 6 ft. | **18.00** to **30.00** |
| 6 to 7 ft. | **20.00** to **35.00** |
| 8 to 10 ft. | **50.00** to **75.00** |

## BERBERIS THUNBERGII

**BARBERRY**

A valuable hedge plant. Absolutely hardy; dwarf. Inimitably neat and dense of growth, yet graceful because of its drooping branches. Yellow flowers are followed by vivid scarlet fruits, the foliage changing in fall to scarlet and gold. 15 cts. each.

## STANDARD HYDRANGEAS

**The Most Valuable Shrubs Ever Introduced**

**Paniculata grandiflora** — Attains a height of 3 to 4 feet and is perfectly hardy in all parts of the country. The flowers are white, borne in immense pyramidal panicles. It commences flowering in July and continues until November. Strong plants, 50 cts. each.

## PRIVET

**California** (*Ligustrum ovalifolium*) — The most popular Privet; foliage, dark green; grows rapidly. The plants should be set 10 to 12 inches apart. To form a dense hedge from the base the plants should be pruned low for two seasons after planting. 1 to 1½ feet $1.00 per doz., $5.00 per 100. 2 to 2½ feet $1.50 per doz., $9.00 per 100. 3 to 3½ feet $2.00 per doz., $12.00 per 100.

**Amoor** (*L. amurense*) — Large, oblong, glossy green foliage and clusters of white, fragrant flowers; fine for hedges and mass plantings. 1½ to 2 feet $1.25 per doz., $8.00 per 100. 2 to 3 feet $2.00 per doz., $15.00 per 100.

**Chinese** (*L. Iobta*) — Very hardy and ornamental, desirable for partial shade; should be closely trimmed for three or four years if compact form is desired. 1 to 2 feet, $1.50 per doz., $10.00 per 100. Larger plants, 2 to 2½ feet, $2.25 per doz., $15.00 per 100.

## HARDY SPIREA

This graceful ornamental shrub beautifies so many lawns that it needs no description. Everybody knows and likes the Spirea.

**Van Houtte** — (Bridal Wreath). The grandest of all the white Spireas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. 50 cts. each.

**Anthony Waterer** — It outshines all the Spireas in brilliancy of color—a bright crimson. It makes a low, compact bush 15 to 18 inches high, and is covered nearly the whole growing season with large umbels of deep crimson flowers. 50 cts. each.

# PERENNIAL PLANTS LIST

## HARDY PHLOX

These we consider the most desirable of all hardy perennials, flowering abundantly from July until late in fall. If first flower-spikes are cut off as soon as through blooming, and the plants given a good soaking, a splendid second crop of bloom will come in. We offer the best four colors and varieties as follows. 25 cts. each, $2.75 per doz., $22.00 per 100.

**Antoine Mercie,** soft rosy lilac.
**Bridesmaid,** white, crimson eye.
**Champs Elysees,** bright rosy magenta.
**Elizabeth Campbell,** salmon pink, dark crimson eye.
**Euffel Tower,** shell pink.
**Europa,** white, large crimson center, extra size truss.
**Miss Lingard,** pure white, small lavender eye, fine florist sort.
**Mrs. Jenkins,** pure white, later than Lingard.
**Rheinlander,** beautiful salmon pink with deep claretred eye, immense trusses.
**Ryndstrom,** lively rose pink, much like Paul Neyron rose.
**R. P. Struthers,** rosy carmine, claret-red eye.
**Siebold,** vivid orange scarlet.
**Mixed.**

## ACHILLEA

**The Pearl** — The great cemetery plant. Flowers pure white, perfectly double, and produced in large sprays. 25 cts. each.

## AQUILEGIA (Columbine)

The distinct, clear-cut foliage and delicate arrangement of colors in the flowers of Columbine make it one of the showiest and most desirable of the hardy garden plants; especially suitable for rockwork, at the base of foundation walls and under trees. Bloom in early spring.

**Coerulea** — The dainty "Rocky Mountain Columbine," blue and white.
**Skinneri** — Yellow, with long red spurs.
**Long Spurred Hybrids** — A fine English strain producing many distinct shades and combinations, running through purples, blue, red and yellow. These are particularly pleasing shades of color and attractive in form, a good sized planting making a most vivid display in spring.

## HARDY ASTERS (Michaelmas Daisies)

These are beautiful fall blooming plants that thrive everywhere and their purples, lavenders, blues and pinks make the autumn border brilliant with color.

Prices are for full field grown clumps divisions.

**Robt. Parker,** soft lavender blue.
**Feltham Blue,** bright blue flowers with yellow centers, the best of the blues.
**White Queen,** a free flowering large white.
**Mrs. F. W. Raynor,** the best of the reds.
**Beauty of Colwell,** semi-double lilac-blue, very profuse bloomer and compact habit.
**St. Egwin,** a compact plant with large flowers of soft pink.

**BUDDLEIA** (*Butterfly Bush*)—This is properly a shrub but as the top usually freezes back, new growth starts from the root like other perennials. Plants grow three to four feet and are covered with long racemes of lilac-like flowers in July.
**Variabilis magnifica** — 35 cts. each, $3.50 per doz.
**Campanula** — Medium, (Canterbury Bells) blue, rose and white, field grown.
**Persicifolia,** blue and white.
**Carpativa,** blue and white.

**COREOPSIS** (*Grandiflora*).

**CHRYSANTHEMUM MAXIMUM** (*Shasta Daisy*).
**Alaska,** grown from divisions.
**King Edward VII,** English type, late.
**Old Fashioned Hardy,** large flowered garden mums, red, pink, white and yellow, separate colors. Field clumps.

Prices on strong field grown roots, unless otherwise noted, 20 cts. each, $2.00 per doz.

## PERENNIAL PLANTS—Continued

## DELPHINIUMS

**Formosum,** light sky blue, 2 yr.
**Bellamosa,** a dark blue of the type of Balladonna but with the color of the old Formosum variety, but not liable to mildew like the latter and of stronger growth.
**Bellamosa,** 2 yr.
**English Hybrids,** from selected English stocks, containing a great range of colors, from light to dark blue, lavenders and purple, flowers single, semi-double and double, large and heavy spikes growing 5 to 7 feet.
Extra strong field grown clumps 25 cts. each, $2.50 per doz., $22.00 per 100.
**DIGITALIS Gloxiniaefolia** — Finely spotted varieties.
**Grandiflora Alba** — White
**Purpurea** — Mixed colors.
**GAILLARDIA Grandiflora** — Yellow and red; dark colors.
**HEUCHERA** (*Alum Root*)
**Splendens**
**Hybrids**
**HOLLYHOCKS**
**Double,** separate colors, red, maroon, white, yellow, pink.
**Allegheny,** mixed.
**Single,** mixed.
**IBERIS** —
**Sempervirens** —
**LUPINUS Polyphyllus** — Blue; large spikes.
**Albus** —
**Roseus** —
**LYNCHINS Chalcedonica** — Scarlet.
**Alba** —
**Grandiflora** — Apricot color.
**Sieboldi** —
**PENTSTEMON** —
**Barbatus Torreyii,** slender spikes of brilliant scarlet.
**Digitalis,** white Fox-glove-like spikes.
**PYRETHRUM** —
**Roseum hybridum** —
**Roseum Hybridum,** double.
**Uliginosum**
**RUDBECKIA** —
**Purpurea** (Cone Flower).
**Golden Glow** —
**RANUNCULUS Acris fl. pl.**— Yellow flower.
**SEDUM Acre** — Very dwarf; clumps.
**Aizoon** — Late flowering, yellow.
**Album** — White.
**STATICE Exemia** —
**Gmelini** — Violet blue.
**Latifolia** — Light blue; fine.
**STOKESIA** —
**Cyanus,** blue-lavender.
**SWEET WILLIAM** —
**Newport Pink,** a new color.
**Scarlet** —
**TRITOMA** — (Red Hot Poker).
**Pfitzerii** —
**VERNONICA LONGIFOLIA SUBSESSILIS** is one of the most beautiful herbaceous plants; we cannot recommend it too highly. It is very attractive, with dark blue flower spikes 6 to 8 inches long, flowering in June and July.
**Longifolia Subisesslis** — Dark blue; long spikes; best of all.
**Spicata** — Fine blue; strong clumps.
**Alba** —
**Virginica** — White; long spikes.
**VINCA Minor** — Clumps.

Prices on strong field grown roots unless otherwise noted, 20 cts. each, $2.00 per doz.

## FERTILIZERS

All prices subject to market changes

**Bone Dust** for general use. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. $1.25, 50 lbs. $2, 100 lbs. $4.50, ton $75.

**Bone Dust** for quick action. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. $1.25, 50 lbs. $2, 100 lbs. $4.50, ton $75.

**Charcoal.** 50 lbs. $2, 100 lbs. $3.50, 1,000 lbs. $32.50, 2,000 lbs. $65.

**Ashes, Canada Hardwood.** Bags of about 75 lbs. $2, ton, in bags, $50.00.

**Blood** (dried), 10 lbs. $1.25, 50 lbs. $4.50.

**Cow** or **Cattle Manure.** Shredded, in 100-lb. sacks only, $3, 500 lbs. $12.50, 1,000 lbs. $23, ton $45.

**Royal Lawn Dressing.** 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. $1.25, 50 lbs. $2.25, 100 lbs. $4, 500 lbs. $17.50, 2,000 lbs. (ton) $60.

**Lime,** Agricultural Hydrated. In tons only. ton $22, in lots of three tons or over, $18.00 per ton; carload lots, $14 per ton, f. o. b. Cleveland.

**Nitrate of** Soda. 5-lb. pkg. 60 cts., 10-lb, pkg. $1.20, 25-lb. bag $3, 50-lb. bag $5.50. 100-lb. bag $9.

**Salt.** 25 lbs. 50 cts., 50 lb. 90 cts., 100 lbs. $1.75, 200 lbs. $3.25, ton $25.

**Scotch Soot.** 10 lbs. 75 cts., 50 lbs. $3.25, 100 lbs. $6.

**Sheep Manure,** Pulverized. 100-lb. bag $3, 500 lbs. $14, ton $45, in pkgs. of 5 lbs. 40 cts., 10 lbs. 75 cts.

**Thompson's Chrysanthemum Manure.** 7-lb. bag $1.50, 14-lb. bag $2.75, 28-lb. bag $4.50, 56-lb. bag $8.

**Thompson's Special Flower, Vegetable and Vine Manure.** 28-lb. bag $2.75, 56-lb. bag $4.50, 112-lb. bag $8.

**Cocoanut Fibre, Peat** and **Moss.**

**Leaf-mold.** Bbl. $3.50.

**Moss,** Live Green Sphagnum. Bbl. $5.50.

**Moss,** Dry Sphagnum. Large bale $3.

**Peat** (Osmundi). Bbl. $4.50.

**Peat,** Rotted, Fibrous. Bbl. $4.50.

## INSECT AND FUNGUS REMEDIES

All prices subject to market changes

**Aphine.** Pt. 65 cts., qt. $1, gal. $3.00.

**Aphis Punk.** Box 85 cts., case of 12 boxes $8.50.

**Arsenate of Lead, Paste.** Lb. 40 cts., 5 lbs. $1.75, 12½ lbs. $3.50, 25 lbs. $6.50, 50 lbs. $12.50, 100 lbs. $24.

**Arsenate of Lead, Powdered.** Lb. 60 cts., 5 lbs. $2.75, 10 lbs. $5.25, 25 lbs. $12, 50 lbs. $23, 100 lbs. $45.

**Bordeaux Mixture.** Lb. 50 cts., 3 lbs. $1.25, 5 lbs. $2.25, 10 lbs. $4.

**Bordo-Lead, Paste.** Lb. 45c., 5 lbs. $1.75, 10 lbs. $3.25, 25 lbs. $6, 50 lbs. $11, 100 lbs. $21.

**Bug Death.** Lb. 20 cts., 3 lbs. 45 cts., 5 lbs. 60 cts., 12½ lbs. $1.25, 100 lbs. $9.25.

**Fungine.** ½ pt. 40c., pt. 65c., qt. $1, gal. $3.50.

**Grape Dust.** 5 lbs. 90c., 10 lbs. $1.75, 25 lbs. $4.

**Hellebore,** Powdered. ½ lb. 35 cts., lb. 65 cts., 5 lbs. $3.

**Improved Soap Spray.** Qt. can 55 cts., gal. can $1.65, 5-gal. can $6.50.

**Kerosene Emulsion.** Qt. 40 cts., gal. $1.25, 5 gals. $5.

**Black Leaf.** ½ lb. $1.00, 2 lbs. $3.25, 10 lbs. $13.75.

**Lemon Oil.** ½ pt. 40 cts., pt. 60 cts., qt. $1, ½ gal. $1.75, gal. $3.

**Lime-Sulphur Solution.** Qt. 30 cts., ½ gal. 45 cts., gal. 75 cts., 5 gals. $2.75, 10 gals. $4.50, ½ bbl. $6.50, bbl. $12.

**Nico-Fume.** Paper box of 24 sheets $1.25, box of 144 sheets $5, box of 288 sheets $9.50.

**Nikoteen.** 1 oz. bottle 35 cts., 1 lb. $2.00, case of 10 pts. $18, 4 lbs. (½ gal.) $7, 8 lbs. (gal.) $13.

**Paris Green.** ¼ lb. 25c., ½ lb. 45c., lb. 90c.

**Pyrox** (Bowker's). Lb. 45 cts., 5 lbs. $1.75, 10 lbs. $3.25, 25 lbs. $6, 100 lbs. $22.

**Scalecide.** Qt. 55 cts., gal. $1.35, 5 gals. $5.75, 10 gals. $9.85, 30-gal. bbl. $22, 50-gal. bbl. $33.

**Slug Shot.** Lb. 20 cts., 5 lbs. 65 cts., 10 lbs. $1.10, 100 lbs. $9.

**Steptic.** Bottle $1.50.

**Sulphur.** Lb. 15 cts., 5 lbs., 60 cts., 10 lbs. $1, 100 lbs. $8.

**Tobacco Dust** (Kiln Dried). Lb. 15 cts., 5 lbs. 50 cts., 25 lbs. $1.25, 50 lbs. $2.25, 100 lbs. $4.25.

**Tobacco Stems.** Bale of 100 lbs. $2.50.

**Thrip Juice.** $4.50 per gal.

# Sprayers for Applying Insecticides and Fungicides

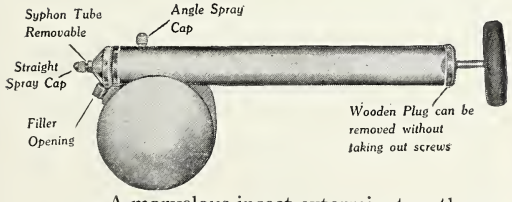
PRICES SUBJECT TO MARKET CHANGES

## Double-Acting Pump Sprayer and Knapsack Tank

**The Same Spray with Half the Labor**

**Pump** — This Pump is the ideal all-purpose sprayer. Its field is practically unlimited, as it may be used for spraying trees, vines, garden truck, potatoes, and any field crops. Made entirely of brass, doing away with all danger of corrosion. This pump is double-acting, which gives a continuous spray, a distinct advantage over single-acting Pumps in that *the pump works on both the up and the down stroke.* The Pump cylinder is small in diameter, and in a test a pressure of 180 pounds to the square inch was raised with very little labor.

## Vaporizing Sprayer



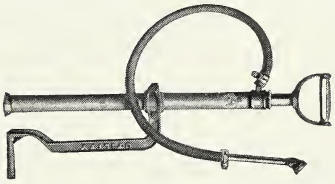

A marvelous insect exterminator; throws a spray as fine as mist and is therefore more effective than any other Spray Pump, and loses only about one-tenth the liquid. Shipping weight, 3 lbs. No. 1, all tin, 75 cts. No. 2, galvanized reservoir, $1.00; No. 3, all brass, $2.00.

## Utility No. 165

Galvanized, continuous spray. Price 90 cts.

The Double-action make an even spray and cover where others fail. Is a labor and material saver.

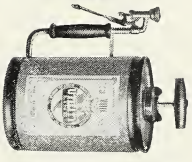
## Utility Bucket Spray Pump



Utility Spray Pump is a saving in the cost of small hand Sprayers. It is a quality Sprayer. This Pump is made of heavy seamless brass tubing, with a large brass air chamber; it has brass ball valves; is double-acting and will produce a continuous spray or stream. A bordeaux nozzle, with 3 feet of ½-inch spray hose is furnished. The nozzle can be regulated to throw a very fine, medium, or coarse spray. We recommend this Sprayer as the best cheap hand Sprayer for applying whitewash, coldwater paint and disinfectants. When ordering Sprayer to be sent by parcel post, allow for 10 lbs., the packed weight of Sprayer. $5.00.

## Utility Spray

Convenient, durable, efficient. Our patented leader of spray apparatus for small uses. Will do better work and do it more easily than any other similar article. Useful with bordeaux and all solutions, also in applying cold-water paint or whitewash. Holds four gallons. Patent nozzle. Price, galvanized reservoir, $7.00; brass, $9.50.



## Utility No. 185

Price, $5.00

# MISCELLANEOUS SUPPLIES

**All price subject to market changes**

## Flower Boxes

| | | | | |
|---|---|---|---|---|
| **Cardboard, Flower.** | | | Green; lock corners. | |
| 1 | 18 in. | 5 in. | 3 in. | $ 8 00 |
| 2 | 21 in. | 7 in. | 3½ in. | 11 00 |
| 3 | 24 in. | 8 in. | 4 in. | 12 50 |
| 4 | 28 in. | 8 in. | 5 in. | 15 00 |
| 5 | 36 in. | 8 in. | 5 in. | 18 00 |
| **Violet** — | | | | |
| 5 | 11 in. | 5½ in. | 8 in. | 14 00 |
| 10 | 9 in. | 3 in. | 6 in. | 11 00 |

## FLOWER POTS, PANS, ETC.

### Earthernware

| | 100 | 1000 |
|---|---|---|
| **Flower Pots.** 2½-inch | $ 2 00 | $15 00 |
| 3-inch | 2 50 | 20 00 |
| 4-inch | 3 50 | 30 00 |
| 5-inch | 5 50 | 59 00 |
| 6-inch | 7 50 | 72 00 |
| 7-inch | 13 00 | 120 00 |
| 8-inch | 18 00 | |
| 9-inch | 30 00 | |
| 10-inch | 40 00 | |
| 12-inch | 75 00 | |

| | Doz. | 100 |
|---|---|---|
| **Flower Pot Saucers.** 4-inch | $ 0 60 | $ 3 00 |
| 5-inch | 70 | 3 50 |
| 6-inch | 85 | 5 00 |
| 7-inch | 95 | 6 50 |
| 8-inch | 1 00 | 8 50 |
| 9-inch | 1 50 | 11 50 |
| 10-inch | 1 90 | 14 00 |
| 12-inch | 2 90 | 22 00 |

| | | |
|---|---|---|
| **Bulb Pans.** (Round). | | |
| 6 x 4½ in. deep | 1 25 | 9 00 |
| 8 x 4½ in. deep | 2 65 | 20 00 |
| 10 x 4½ in. deep | 5 40 | 43 00 |
| 12 x 4¾ in. deep | 10 50 | 85 00 |

| **Azalea Pots:** | Doz. | 100 |
|---|---|---|
| 6 in. wide x 4½ in. deep | $ 1 35 | $ 9 00 |
| 7 in. wide x 5¼ in. deep | 2 00 | 15 00 |
| 8 in. wide x 6 in. deep | 2 60 | 20 00 |
| 10 in. wide x 8 in. deep | 5 00 | 40 00 |

### Fibreware Waterproof

| | | Doz. |
|---|---|---|
| 5 | 5-inch | $ 6 00 |
| 6 | 6-inch | 6 50 |
| 7 | 7-inch | 7 00 |
| 8 | 8-inch | 7 25 |
| 10 | 10-inch | 8 00 |
| 12 | 12-inch | 9 00 |
| 14 | 14-inch | 11 00 |
| 16 | 16-inch | 18 00 |
| 18 | 18-inch | 21 00 |

| **Fibre Vases** | Depth | Diam. | Doz. |
|---|---|---|---|
| **No. 0** | 13 in. | 8 in. | $25 00 |
| **No. 1** | 10 in. | 5½ in. | 20 00 |
| **No. 2** | 9 in. | 4½ in. | 17 00 |
| **No. 3** | 6 in. | 4 in. | 13 25 |
| **No. 00** | 22 in. | 9 in. | 85 00 |
| **No. 01** | 20 in. | 7 in. | 46 00 |
| **No. 11** | 18 in. | 5½ in. | 26 00 |
| **No. 22** | 15 in. | 4½ in. | 21 00 |

**FLOWER BOXES, continued**

**Corrugated Cardboard.** Very heavy and durable; extensively used by florists for shipping cut-flowers.

| | | | | | |
|---|---|---|---|---|---|
| A. | 20 in. | 7 in. | 4 in. | $2 50 | $16 00 |
| B. | 20 in. | 8 in. | 5 in. | 3 50 | 20 00 |
| C. | 30 in. | 12 in. | 6 in. | 5 00 | 32 00 |
| D. | 36 in. | 14 in. | 8 in. | 6 00 | 36 00 |
| E. | 48 in. | 14 in. | 8 in. | 7 00 | 45 00 |
| F. | 36 in. | 12 in. | 6 in. | 5 50 | 40 00 |

## Paper Flower Pots

### NEPONSET

| **Waterproof Paper Pots:** | 100 | 1000 |
|---|---|---|
| 3 -inch | $ 75 | $ 6 00 |
| 3½-inch | 95 | 8 50 |
| 4 -inch | 1 25 | 10 50 |
| 5 -inch | 2 00 | 17 50 |
| 6 -inch | 2 50 | 23 00 |

## Baskets

**Wire Hanging.** With flat bottom, 5-inch diameter. 30 cts. each, $3 per doz.; 7-inch diameter, 35 cts. each, $3.50 per doz.; 9-inch diameter, 40 cts. each, $4 per doz.

## Canes

| | | 100 | 1000 |
|---|---|---|---|
| **Bamboo.** | Green, 3 ft. | $1 25 | $ 9 50 |
| **Bamboo.** | Green, 4 ft. | 1 50 | 12 50 |
| **Bamboo.** | Green, 5 ft. | 2 00 | 16 00 |
| **Bamboo.** | Natural, 6 to 8 ft. | 3 00 | 27 00 |

## Dibbles or Dibbers

Just the tool for planting bulbs where ground is in good condition.

**Brass Point** and **Wood Handle.** The best Dibble. Polishes quickly; does not rust. 70 cts. each, $8 per doz.

**Steel Point** and **Wood Handle.** Regular size, 9¾ in., 50 cts. each, $5.50 per doz.; small size, 8 in., 40 cts. each, $4.50 per doz.

## Forks

**Hay.** Finest quality steel; oval-shaped tines, solid steel shank, patent ferrule, long and strapped. 2-tine, 75 cts. each; 3-tine, 85 cts. each; 4-tine, $1 each.

**Manure.** Long or short handle. 4-tine, D handle, best material, $1.25; 5-tine, D handle, best material, $1.75. Long-handle Manure Forks may be had at same prices.

**Spading.** 4-tine, D handle, best material, $1.50; 5-tine, D handle, best material, $1.75. Long-handle Spading Forks may be had at same prices.

## Greenhouse Barrows

**Greenhouse.** Build especially for narrow walks in greenhouse; also excellent for poultry-houses, $6.50.

## Glazing Materials

**Permanite Cement.** For waterproofing greenhouse gutters, roofs, etc.; also for making sash bars watertight. Per gal. $2.25, 5 gals. $10.50.

**Mastica, for Glazing Greenhouses.** The use of Mastica avoids the necessity of repeatedly reglazing the houses, saving much time and expense. With Mastica one can bed in or use outside with a machine. $2 per gal., $9 for 5 gals.

**Mastica Machine.** $1.75 each.

**Glazing Putty, Twemlow's Old English.** Will not crack or peel. One gallon glazes 300 lineal feet. Qt. 55 cts., gal. $1.75.

**Putty Bulb, Scollay's.** A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. $1.

**Glazing Points, Van Reyper's.** No rights or lefts. No. 2, large for single thick glass. No. 2½, double thick, for greenhouses and skylights. Box of 1,000 75 cts. each, 5,000 for $3.50. Pincers or pliers for same, 50 cts.

## Hose, Rubber

**Rubber.** In 25-and 50-foot lengths. ¾-inch 4-ply, at 25 cts. per foot. Extra-fine and light for greenhouse use, ⅝-inch, 4-ply at 25 cts. per foot.

## Hose Menders

**Cooper's Brass.** ½- and ¾-inch, 9 cts. each, 95 cts. per doz.; 1-inch, 10 cts. each, $1 per doz.

**Perfect Clincher.** ½-inch or ¾-inch, 12 cts. each, $1.20 per doz.

## Hotbed Requirements

**Palmer's Hotbed Mats.** Wood filled. Size 76 x 76 inches.

No. 1D. Made of burlap, stitched through, hemmed with canvas and thickly padded. $4.50 each, $50.00 doz.

**Hotbed Sashes.** Painted and glazed with double-thick glass, 8 x 10 inches, in four rows. Frame 1¾ inches, 3 x 6 feet, $5.50 each; frame, 1½ inches, 3 x 6 feet, $4.50 each.

## Lawn Sweeper

**Pennsylvania:**

| | |
|---|---|
| 24-inch | $25 00 |
| 36-inch | 35 00 |

## Pot or Garden Labels

| | 100 | 1000 |
|---|---|---|
| **Wooden.** Painted, 4½-inch | $0 35 | $1 50 |
| 5-inch | 40 | 2 25 |
| 6-inch | 50 | 2 75 |
| 8-inch | 85 | 7 50 |
| 10-inch | 1 15 | 10 00 |
| 12-inch | 1 35 | 12 00 |

## Mowers

**Boulevard:**

| | |
|---|---|
| 14-inch | $14 50 |
| 16-inch | 16 50 |
| 18-inch | 18 50 |
| 20-inch | 20 50 |

**Heather.** (5 Blades):

| | |
|---|---|
| 14-inch | 17 00 |
| 16-inch | 18 50 |
| 18-inch | 20 00 |
| 20-inch | 22 00 |

**Pennsylvania High Wheel.** (4 Blades):

| | |
|---|---|
| 15-inch | 27 00 |
| 17-inch | 30 00 |
| 19-inch | 33 00 |
| 21-inch | 36 00 |

Prices Subject to Change.

## Paper

| | |
|---|---|
| **Wax.** 24 x 36 in. Ream | $ 5 50 |
| 18 x 24 in. Ream | 4 00 |
| **Tissue.** 24 x 36 in. Ream | 3 50 |
| **Manila.** 24 x 36 in. Ream | 3 50 |
| Wrapping. 40 x 48 in. Lb | 15 |

## Raffia

**Natural.** Lb. 75 cts., 5 lbs. $3.25, 10 lbs. $6.

## Shears

**Branch** or **Lopping.** For cutting large branches, long stout handles. Saynor's, three sizes, $3.50, $4 and $4.50 each.

**Hedge Notched.** English blade. 8-inch $2.50, 9-inch $3, 10-inch $3.25.

**New French Pruning.** This is the best pruner ever offered. Price, 6¼-inch $2, 7-inch $2.25, 8½-inch $2.50, 9½-inch $3, 10¼-inch $3.25. By mail, 5 cts. each extra. Extra springs, 40 cts. each.

## Sieves

**Wire.** For sifting loam, gravel, etc. Any size mesh. 18 inches diameter, $2.50.

## Shovels

**Ames'.** D handle, square or round point. $1.30 each; long handle, square or round point, $1.50 each.

## Silkaline

**Green Thread.** Largely used for tying in bouquet work. Fine, medium or coarse. Spools 50 cts. each, box of eight spools, $3.50.

## Sprinklers

**Scollay's Rubber.** Made of rubber, with flat bottom and a finely perforated, detachable top. Very useful for sprinkling and all purposes where a fine spray is required. Two sizes, $1.10 and $1.35 each; by mail 5 cts. each extra.

### LAWN SPRINKLERS

**The Dayton.** The most practical and durable Sprinkler for lawns and gardens. It sprinkles from a 3-foot to a 40-foot radius. $6.50 each.

**California Lawn Sprinkler.** Has four brass arms mounted on sled. $2.25 each.

**Brass Fountain Sprinkler.** $1.25 each.

## Stakes

**Match.** Plain pine, $\frac{5}{32}$-inch thick, 35 cts. per 100, $3 per 1,000.

**Match, Stained Green.** 40 cts. per 100, $3 per 1,000.

| **Round Green:** | Doz. | 100 |
|---|---|---|
| 2 ft. | $0 50 | $3 25 |
| 3 ft. | 80 | 6 00 |
| 4 ft. | 1 20 | 9 25 |
| **Heavy Green White Top** | | |
| 4-ft. | 2 00 | 12 00 |
| 5-ft. | 2 00 | 16 00 |
| 6-foot | 3 00 | 19 00 |

## Thermometers

**Heavy, Japanned Tin Case.** 8-inch $1, 10-inch $1.25, 12-inch $1.50.

**Hotbed.** Boxwood scale. Brass points. $2.50 each.

**Self-Registering Minimum.** 10-inch. $5.50.

**Combined Maximum and Minimum.** $6.50.

## Tubs

**Plant Tubs, White Cedar.** Made of heavy cedar, painted green. Outside measurements:

| | Outside Measurements Dia. | Hght. | |
|---|---|---|---|
| **No. 1** | 28 in. | 22 in. | $12 50 |
| **No. 2** | 26 in. | 20 in. | 10 50 |
| **No. 3** | 24 in. | 18½ in. | 7 50 |
| **No. 4** | 22 in. | 17 in. | 6 00 |
| **No. 5** | 20 in. | 16 in. | 5 00 |
| **No. 6** | 18½ in. | 15 in. | 4 00 |
| **No. 7** | 17 in. | 14 in. | 3 50 |
| **No. 8** | 16 in. | 13 in. | 3 00 |
| **No. 9** | 14 in. | 12 in. | 2 50 |
| **No. 10** | 12 in. | 9½ in. | 2 00 |

## Tree Scrapers

**Best Steel,** 75 cts.

## Twine

**Twine.** Green Smilax, Box of 8 Balls, $1.75
Marline (Tarred Twine) Lb. 75 cts.
Hemp. All sizes, Lb. $1.00.
Jute 3 and 5 ply, for trees, Lb. 60 cts.

## Watering Pots

**Wotherspoon French.** Long spout, two copper-faced roses:

| | |
|---|---|
| 6-quart | 3 75 |
| 8-quart | 4 00 |
| 10-quart | 5 00 |

**All prices on Tools subject to change without notice.**

**In addition to foregoing list we carry a full line of other Garden Implements.**

# Lawn Rollers (Water Weight)
# Hand Cultivators
# Sod Crushers
# Putting Green Rollers

Etc., Etc.

**Catalogues and Prices on application.**

# FARMOGERM

## SEED INOCULATION

This wonderful soil inoculent is far superior to other Bacteria, being stronger in material and habit.

It is used successfully on Peas, Beans, and Sweet Peas. Garden size 50c.

For Alfalfa, all Clover and any other Legume, where larger crop are wanted. We have acre size at $2.00, 5 acre size $8.00.

**THE WAY BACTERIA IS HELD Before Put to the Inoculation Process**

This photo shows a field where no treatment was made to the seed.

This photo shows a field treated. Both fields were under similar conditions.

## STIM-U-PLANT

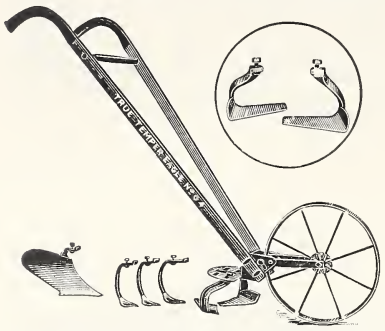
PLANT STIMULANT TABLET

Trade Mark Registered U. S. Patent Office.

A reliable Fertilizer in convenient tablet form. Clean and odorless.
Especially suited for House Plants.

Guaranteed Analysis: 11% nitrogen, 12% phos acid, 15% potash.

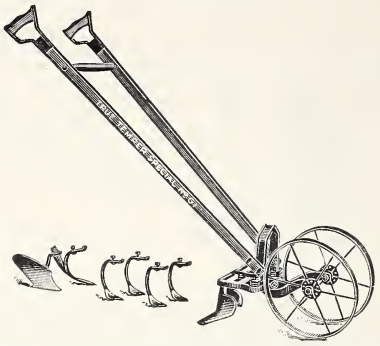
# The Universal Tools for the Garden




The TRUE TEMPER EAGLE is a single-wheel cultivator. Like our double-wheel True Temper Special.

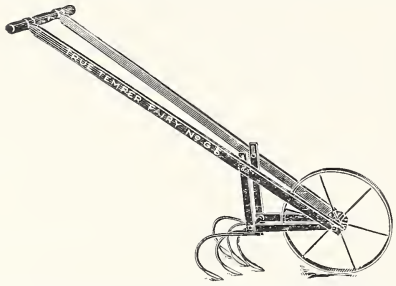
Equipment includes two Weeding Hoes, three Cultivator Teeth, one large Turning Plow with Landslide. Choice of tools sold with each cultivator as follows:

Attachments are forged from tool steel, hardened and polished. Machine is handsomely finished in colors and varnished. Weight with one set of tools about 12 pounds. $7.50 each.



The TRUE TEMPER SPECIAL is the very best double-wheel cultivator that nearly a hundred years of tool-making experience can produce.

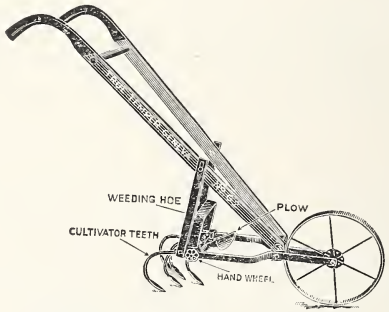
Equipment includes two Weeding Hoes, four Cultivator Teeth and Two Plows. Weight with one set of tools about 20 pounds. Choice of tools sold with each cultivator as follows: $11.50 each.




## Makes Home Gardening a Delight

The TRUE TEMPER FAIRY, No. G5, costs but a trifle more than an ordinary hoe, and will do ten times the work.

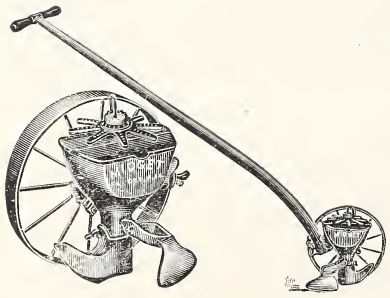
The five Cultivator Teeth are forged from tool steel. They are adjustable in different ways, as each tooth is bolted on separately. $3.20 each.




## Quick-Adjustable Cultivator

The TRUE TEMPER GENEVA, No. G2, is recognized everywhere as the only real quick-adjustable cultivator on the market.

Machine has steel forged tools, well selected oak handles, with comfortable handle grips. It has 14-inch steel wheel and is finished in colors, then varnished. Weight 20 pounds. $7.00 each.



## Most Popular Seeder Made

The MIDGET SEEDER will pay for itself in a short time, because it saves seed by sowing accurately. Sowing by hand wastes seed.

It is very easy to operate and drills almost any kind of garden seed from the smallest up to and including peas and beans.

The Midget opens the furrow, sows the seed and covers up, all in one operation. $4.75 each.

## Popular High Wheel Cultivator

The TRUE TEMPER STANDARD, No. 20. is the most popular and best selling high-wheel Cultivator on the market.

By means of a patented frame, this Cultivator may be adjusted instantly with one wing nut—no wrench is needed.

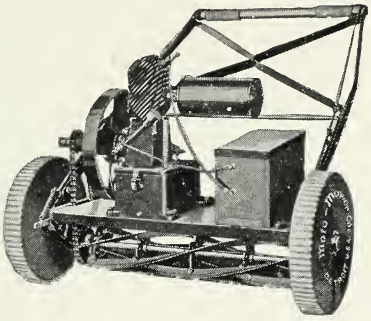
Attachments are forged from tool steel, hardened and polished. They will scour and work perfectly in any soil.

# Moto-Mower

TRADE MARK

## Shipped Ready to Run

Nothing to put together; no adjustment necessary. You can run the Moto-Mower within five minutes after it is out of the crate. Pull up the handle, set two nuts, fill with oil and gasoline and it is ready.



The Moto-Mower is by far the most simple and sturdy power lawn mower on the market. There are only three moving parts in the motor and five in the rest of the machine.

### SPECIFICATIONS

Width of Cut.....27 inches
Cut Adjustment. ½ to 3 inches
Cutting Speed.....2 to 3 mi. per hr.
Cutting Capacity.....5 acres per day
Climbs.....35 per cent grade
Gasoline Consumption per day....About 1 gallon
Weight.....160 pounds
Shipping Weight (crated).....200 lbs.
Color.....French grey, gold striping
Blades.....5, crucible steel

### MOTOR

Single Cylinder, Air Cooled

Bore.....2½ inches
Stroke.....2½ inches
H. P. (A. E. S. rating)....1½
Speed.....600 to 1200
Ignition.....Battery
Price.....$275.00

F. O. B. Detroit

## Send for Complete Circular

**TRUE TEMPER ALL STEEL SPADING FORK With Steel Shank**

This exceedingly heavy tool works easier the more it is used, and is a real friend to the GARDENER. $2.50 each, $25 doz.

**TRUE TEMPER WEEDER or CULTIVATOR**

Made of steel with long shank into handle, a necessity to the home garden. $1.50 each.

## Bug Death

is used successfully on potatoes, cucumber, turnips, cabbage and on all vegetation where leaf eating insects abide to destroy them. 1 lb. 25 cts., 3 lbs. 50 cts., 5 lbs. 75 cts.

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